

# Drake University

## General Catalog (2020-2021)

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### Undergraduate Catalog

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# General Information

## History and Character of Drake University

It was an ambitious undertaking.

Confronted with declining economic conditions, the Disciples of Christ in Iowa were faced with the decision to move their established Oskaloosa College, the first Christian college founded in Iowa, to another location.

In 1881, a zealous group led by George Thomas Carpenter journeyed to Des Moines where they found support for their proposed move. In March 1881, bolstered with a \$20,000 pledge from General Francis Marion Drake of Centerville, Iowa, the educational institution became a reality. In gratitude, the University's trustees named their institution after Drake, a Civil War general, former Iowa governor, banker, railroad builder and attorney.

This was Drake University's modest beginning. Its founders dreamed of an institution that was broad-based and liberally nonsectarian. To establish the educational climate in which the University would operate, they issued the following statement:

“This University has been designed upon a broad, liberal and modern basis. The articles of incorporation provide that all its departments shall be open to all without distinction of sex, religion or race. In its management and influence, it will aim at being Christian, without being sectarian.”

While corporate affiliation with the Disciples of Christ was eventually terminated, the University continues to be guided by this statement of nondiscrimination and the progressive vision of its founders.

During the administration of Drake's first president and chancellor, George T. Carpenter (1881-1893), the University established itself as an integral part of a young and growing community in the world's richest agricultural area. In 10 years, it boasted of eight departments, 53 teachers and more than 800 students — more than tenfold the number of students enrolled during its first semester in 1881. In 1888, a University plan was developed that separated the departments into colleges.

Upon the death of President Carpenter, Barton O. Aylesworth was named acting chancellor and served until 1897, when William Bayard Craig became chancellor. Subsequently led by President Hill McClelland Bell (1902-1918), Drake expanded its academic programs and established new ones as needed.

An outstanding educator and administrator at Drake University and in the state of Iowa, President Bell led Drake through a major building program and the economic difficulties that began with the outbreak of World War I in 1914. Cole Hall, which is now the Office of Admission, was dedicated in 1904; Memorial Hall was built in 1905; Carnegie Hall was erected in 1908; and an addition to Howard Hall was completed in 1909. Cole, Carnegie and Howard halls now are listed on the National Register of Historic Places along with Drake's main administration building, Old Main.

President Bell also fostered a top faculty trained in scholarship, dedicated to teaching and committed to maintaining a high standard of academic achievement.

The year 1893 marked the advent of organized, planned sports at Drake. John L. Griffith, who became coach and director of athletics in 1908, accelerated the growth of athletics at the University. The D Club, which recognizes athletic letter winners, was organized that year. The Drake teams, which had been called Ducklings, Drakes, Ganders and even Tigers, became the Drake Bulldogs.

Coach Griffith made his greatest contribution to the University in 1910 when he organized America's Athletic Classic, the Drake Relays. Now one of the largest university/college track and field meets in the world, the Relays also features a week of fun campus activities, entertainment and other events.

With the end of World War I, Drake University's fifth president, Arthur Holmes (1918-1923), turned to peacetime planning. He set up a psychological clinic, established new departments and used an elementary school as a practice school for prospective teachers. He also recognized and emphasized the need for student residences.

Daniel Walter Morehouse served as Drake's president from 1922 to 1941. Under his leadership, the University constructed new student residences and classroom facilities to meet demands of growing student enrollment. A Phi Beta Kappa chapter also was established.

As the University celebrated its 50th anniversary in 1931, the country was in the midst of the Great Depression. The effects were felt on campus as well. However, in 1937, the Gardner Cowles Foundation donated funds for Cowles Library, Drake's main library. In 1966, a \$1.7 million addition to the original building tripled its size.

Drake also further developed its graduate studies, which had existed at the University since 1883. President Morehouse organized a graduate division to increase the list of master's degrees in professional fields.

Following President Morehouse's death in 1941, the responsibility for leading the University through the chaotic period of World War II fell to President Henry Harmon (1941-1964). New and more vigorous policies governing selection and admission of students were established; the Office of the Dean of Students (now incorporated in the Office of the Provost) was created in 1945; and a community college offering evening programs for adults was established in 1946. In 1950, the College of Commerce and Finance became the College of Business Administration and, in 1962, the journalism program became the School of Journalism.

Between 1946 and 1966, 16 new buildings designed by distinguished architects Eliel and Eero Saarinen; Ludwig Mies van der Rohe; Harry Weese and Associates; and Brooks, Borg and Skiles were constructed on campus. The structures brought national attention to Drake.

Led by President Paul F. Sharp, Drake experienced rapid growth and development from 1966 to 1971. Library resources increased by more than 50 percent. The size and quality of the faculty increased. New undergraduate and graduate programs were instituted. To support these developments, a capital campaign, the Centennial Development Program, was launched.

Dr. Wilbur C. Miller became Drake's ninth president in 1972. The Harmon Fine Arts Center opened that fall, and Olmsted Center opened in 1974. In 1973, the Olin Foundation Inc. provided a \$3.3 million grant to build Olin Hall of Biological Science, which opened in 1975.

Drake constructed a new Law School classroom building, Harold G. Cartwright Hall, in 1976. The Bell Center for Physical Education and Recreation opened in late 1977. Master's degrees in mass communication and in general studies were first offered in 1976. In 1980, the Aliber Foundation made possible the construction of Aliber Hall, the new College of Business Administration building, that opened in the fall of 1982. Amid these developments, Drake celebrated its centennial in 1981.

Dr. Michael R. Ferrari became the University's 10th president in July 1985. Dedicated to ensuring Drake's position as a leader in higher education, President Ferrari built upon programs already in place and instituted changes to strengthen the University.

The National Commission on the Future of Drake University was formed in 1987. Made up of 11 task forces and 330 members — including leaders from across the nation in business, education, government and the professions — and chaired by Drake alumnus and former Iowa Governor Robert D. Ray, the commission examined critically Drake's programs, aspirations and plans. The commission presented its final report with more than 250 recommendations to the Board of Governors in June 1988.

That report served as a framework for future planning and as the cornerstone for The Campaign for Drake, a \$115 million national fundraising program to advance Drake for students and society. Publicly announced on October 7, 1989, the Campaign was chaired by Madelyn M. Levitt, a Des Moines civic leader and member of Drake's Board of Governors. On May 7, 1993, the University announced that the \$115 million overall goal of the Campaign had been exceeded — more than one year ahead of its scheduled May 31, 1994, completion. At its official conclusion, the Campaign had raised more than \$130 million for the University.

As part of the Campaign, the University launched in 1991 the most comprehensive construction effort on campus since the Saarinen plan of the 1940s. The William C. Knapp Center for recreation, sports and convocations and the Tennis Center opened in fall 1992. Dwight D. Opperman Hall and Law Library opened the following spring, and the new Pharmacy and Science Hall was dedicated in fall 1993.

In addition, the acoustically perfect Old Main Auditorium, listed on the National Register of Historic Places, was rededicated as Everett A. Sheslow Auditorium in January 1993. Fitch and Ingham halls were also renovated and plans were implemented for the upgrading of Cowles Library. The first phase of a campus landscaping project, Wifvat Plaza, was completed in 1993.

The University continued its proactive planning approach by creating in 1993 the National Commission II — Toward the 21st Century, chaired by distinguished Drake alumnus Benjamin B. Ullem. Working in 13 task forces, the commission's 400 members presented nearly that many recommendations for Drake's further advancement. Their final report helped establish priorities for Campaign Drake — Think of the Possibilities — a \$190 million national fundraising effort announced on November 1, 1997. The campaign, the largest ever undertaken by a private college or university in Iowa, reached its goal on May 31, 2002.

In April 1998, the University's Board of Governors appointed distinguished Drake alumnus Robert D. Ray as Drake's 11th president. Known statewide and beyond for his integrity and commitment to serving others, Ray served as Iowa's governor from 1969 to 1983 and then as president and chief executive officer of two major insurance corporations. Past chair of the University's Board of Governors, Ray also served as interim mayor of Des Moines, Drake's home city, in 1997.

Dr. David E. Maxwell became the University's 12th president on May 15, 1999. Upon his arrival, he immediately began working with faculty, staff and students to clearly define the mission, values, vision and goals of Drake and to develop a long-term strategic plan for the University. Before joining Drake, Dr. Maxwell was director of the National Foreign Language Center from 1993 to 1999, and from 1989 to 1993 he was president of Whitman College in Walla Walla, WA. From 1981 to 1989 he served as dean of undergraduate studies at Tufts University, where he was also a faculty member for 10 years.

In January, 2015, Drake University announced that Earl F. "Marty" Martin would succeed President Maxwell as the University's 13th president that summer. Martin most recently served as the executive vice president of Gonzaga University. Among the many initiatives through which Martin has led the University is STEM@DRAKE, a multi-million dollar project involving the creation of several new programs and facility upgrades, kicked off by the renovation of Harvey-Ingham Hall in the summer of 2015, followed by the construction of two new buildings, the Science Connector Building and Collier-Scripps Hall, which houses the School of Education and the Mathematics and Computer Science Department.

Drake consistently ranks among the top universities in academic reputation among more than 140 Midwest master's universities ranked by *U.S. News and World Report* magazine. The magazine also rates Drake as one of today's best values in higher education, as does Peterson's Guide to Competitive Colleges and Barron's 300 Best Buys in College Education.

Approximately 5,300 students are enrolled in the six colleges and schools of the University: the Colleges of Arts and Sciences (including Fine Arts), Business and Public Administration, Pharmacy and Health Sciences; the Schools of Education, Journalism and Mass Communication, and Law.

## **Collegial Structure**

Drake University is a private and independent major university located in an urban setting in Des Moines, the capital of Iowa and its largest city. Enrollment is selective and size is limited. The University is composed of six colleges and schools:

- College of Arts and Sciences
- College of Business and Public Administration
- School of Education
- School of Journalism and Mass Communication
- School of Law
- College of Pharmacy and Health Sciences

Pre-professional programs meet requirements for admission to schools of dentistry, engineering, law, medical technology, medicine, physical therapy, and social work.

Drake University also offers several master's and doctoral degrees. See Law School and graduate catalogs for more details.

## **Accreditation**

Drake University has been on the approved list of the North Central Association of Colleges and Schools since 1913. Since reorganization of the Association in 2000, Drake University is accredited by the Higher Learning Commission and a member of the North Central Association of Colleges and Schools. The Higher Learning Commission reaffirmed Drake's accreditation in 2018.

Phone: 312-263-0456

<http://www.ncahlc.org/>

In addition to University accreditation by the Higher Learning Commission, the following Colleges, Schools, and departments have been accredited by the agencies designated:

- Teacher Education and Educational Leadership programs: Iowa Department of Education and the Iowa Board of Educational Examiners
- Law School: Council of American Bar Association's Section of Legal Education and Admission to the Bar; charter member of the Association of American Law Schools
- College of Business and Public Administration: Association to Advance Collegiate Schools of Business
- College of Pharmacy and Health Sciences: Accreditation Council on Pharmacy Education
- School of Journalism and Mass Communication: Accrediting Council on Education in Journalism and Mass Communication

- Department of Art and Design: National Association of Schools of Art and Design
- Department of Chemistry: American Chemical Society
- Department of Music: National Association of Schools of Music

Drake University is registered by the Iowa College Student Aid Commission on behalf of the State of Iowa. Students who wish to inquire about the school or file a complaint should use the following contact information:

Iowa College Student Aid Commission

Phone (toll-free): (877) 272-4456, option 4

Online student complaint form: <https://www.iowacollegeaid.gov/StudentComplaintForm>

## **Board of Trustees**

The Board of Trustees, the governing body for Drake University, is composed of thirty-six members who are elected by majority vote of the Board. Terms for Trustees are scheduled for three years each and staggered with no term limits. In addition, the Student Body President and Faculty Senate President serve a one-year term. The Drake Alumni Association Chair serves as an ex-officio member.

Throughout the more than 125-year history, the Board has been composed of dedicated and distinguished Trustees who have been strong advocates of excellence in academic programs, faculty roles, and public service.

## University Governance

Drake University governance includes a Faculty Senate and Student Senate. The Faculty Senate has 22 voting members elected from and by the faculty of instruction: 12 elected at large, one from each of the four divisions of the College of Arts and Sciences, and one each from the College of Business and Public Administration, School of Journalism and Mass Communication, College of Pharmacy and Health Sciences, School of Education and the Law School, and Cowles Library. The president of the University and the provost sit as nonvoting members.

## Student Senate

The Drake University Student Senate is elected by the members of the student body, which has 25 voting members: 3 executive officers, elected at large: the Student Body President, who serves as chair; the Vice President of Student Life; and the Vice President of Student Activities; 6 Academic Senators elected by each college, except for the College of Arts and Sciences, which has a Fine Arts Senator and a Liberal Arts Senator elected by their respective constituencies, and the Law School, which has a nonvoting representative serving as a diplomat; 3 organizational Senators elected from and by the Organizational Council, 3 Diversity Interest Senators elected from and by the Diversity Interest Convention, 9 Senators-at-Large, elected at large, and 1 First-Year, elected by First-Years.

The Student Senate acts as ombudsman on behalf of the student body; assures adherence to University policy, procedures and rules; and makes recommendations regarding policies or other student concerns to appropriate University committees or administrative officers.

## Calendar

Except for the Law School, which follows its own calendar structure, Drake University's academic year is comprised of a summer term, a 15-week (excluding final evaluations) fall semester, a three-week January term, and a 15-week (excluding final evaluations) spring semester. Drake University's Drake Online graduate program courses are delivered in six-week blocks over Drake's traditional fall, spring, and summer terms.

### Summer 2020

- May 18 (Mon.)  
**Summer term begins**
- May 25 (Mon.)  
**Memorial Day (classes do not meet)**
- Jun 19 (Fri.)  
**Juneteenth observance (university holiday; classes do not meet)**
- Jul 3 (Fri.)  
**Independence Day observance (classes do not meet)**
- Aug 23 (Sun.)  
**Summer term ends**

### Fall 2020 (Non Law School)

- Aug. 24 (Mon.)  
**Fall term begins**
- Aug. 28 (Fri.)  
**Last day to add a class**
- Sept. 4 (Fri.)  
**Last day to drop a class without a “W”**
- Sept. 7 (Mon.)  
**Labor Day (classes do not meet)**
- Oct. 14 (Wed.)  
**Midpoint of semester**
- TBD  
**Mandatory fire drills**
- Oct. 26 (Mon.)  
**Last day to drop a class without extenuating circumstances**
- Nov. 23-27 (Tues.)  
**Thanksgiving break (classes do not meet)**
- Nov 30 (Mon.)  
**Classes resume**
- Dec. 4 (Fri.)  
**Day free for study**
- Dec. 7-11 (Mon.-Fri.)  
**Final evaluation period**
- Dec. 11 (Fri.)  
**Fall term ends**
- Dec. 12 (Sat.)  
**Commencement**

## J-Term 2021

- Jan. 4 (Mon.)  
**Beginning of J-term**
- Jan. 18 (Mon.)  
**Martin Luther King, Jr. Day (university holiday; classes do not meet)**
- Jan. 22 (Fri.)  
**End of J-term**

## Spring 2021 (Non Law School)

- Feb. 1 (Mon.)  
**Spring term begins**
- Feb. 5 (Fri.)  
**Last day to add a class**
- Feb. 12 (Fri.)  
**Last day to drop a class without a “W”**
- Mar. 19 (Fri.)  
**Midpoint of semester**
- TBD (Wed.)  
**Mandatory tornado drill**
- Mar. 31 (Fri.)  
**Last day to drop a class without extenuating circumstances**
- Apr. 21-24 (Wed.-Sat.)  
**Drake Relays (Non-Law classes suspended for Drake Relays at 1:50pm on Fri, Apr 23)**
- Apr. 26 (Mon.)  
**Non-Law classes resume**
- May 7 (Fri.)  
**Day free for study**
- May 10-14 (Mon.-Fri.)  
**Final evaluation period**
- May 14 (Fri.)  
**Spring term ends**
- May 15 (Sat.)  
**Commencement**

This is the official Academic Calendar for Drake University. It is updated and maintained by the [Office of the Registrar](#) ([www.drake.edu/registrar](http://www.drake.edu/registrar))

## Undergraduate Admission

### Campus Visits

Prospective students are invited to explore the educational opportunities at Drake University by arranging a campus visit. During an individual campus visit, students can meet with an admission counselor and tour the campus with a Drake student. During the week, prospective students may meet with faculty to discuss academic programs and major areas of interest or attend a class. Additional meetings may be arranged if requested when scheduling the appointment. Campus visits are also available on selected Saturdays in the fall and spring. Visitors are encouraged to schedule appointments two weeks in advance of their visit.

In addition to individual visits, students are welcome to attend one of Drake's visit programs, designed to showcase the academic and extracurricular experience at Drake. The visit programs include sessions that cover academic offerings, admission process and criteria, campus environment, extracurricular options and financial assistance programs. In addition, students tour the campus with a Drake student and have an opportunity to meet many members of the Drake community. These programs are held on specified dates, which are listed on the Office of Admission web site ([www.drake.edu/admission](http://www.drake.edu/admission)).

To schedule a visit or register to attend a specific visit program, please contact Drake's Office of Admission or visit the [Office of Admission web site \(www.drake.edu/admission\)](http://www.drake.edu/admission).

### First Year Students (Domestic)

The admission of high school seniors is contingent upon successful completion of graduation requirements with grades comparable to those upon which the admission decision was based. After graduation, students must provide final, official transcripts showing graduation date, final semester course grades and final rank in class, if applicable. Failure to provide all necessary documents may result in the cancellation of admission or registration. It also precludes the release of a Drake transcript.

### Admission Pathways

There is no single, inflexible set of admission criteria such as a minimum grade point average (G.P.A.) or test score. Drake reviews applications in an individualized, holistic manner and recognizes that performance on a standardized test will not necessarily represent an applicant's admission qualifications. Applicants may choose between a standard admission pathway and a test-flexible pathway.

The standard pathway requires applicants to submit a standardized test score (ACT or SAT) as part of their application. It is available to all applicants no matter which program to which they are applying, and it is required for students applying to pre-pharmacy, pre-athletic training, or pre-occupational therapy program.

The test-flexible pathway allows applicants to substitute the standardized test score (SAT or ACT) requirement with an interview with a member of the Office of Admission team. This pathway is not available to applicants who meet any of the following criteria:

- Are applying to any of the following programs: pre-pharmacy, pre-athletic training, pre-occupational therapy
- Are National Alumni Scholarship applicants
- Were home schooled



- Are incoming first-year students with a high school cumulative GPA below 3.0 on a 4.0 scale

### **Application Deadlines**

The following deadlines apply to all first-year students, regardless of the admission pathway they choose.

- Early Action Priority Deadline: Dec 1
- Regular Decision: Mar 1

Early Action Priority Applicants are eligible for priority notification for admission and the Presidential Scholarship, priority for housing preferences, and early notification of their financial aid package.

### **Application Requirements**

All first-year students must submit the following materials.

1. Online application
  - Those who are not applying to the pre-pharmacy program may choose either of the following:
    - Drake University Application
    - [The Common Application \(www.commonapp.org\)](http://www.commonapp.org), including the Common Application Member Questions specific to Drake University
  - Those who are applying to the pre-pharmacy program
    - Must choose the Drake University application
    - Admission is available only for the fall semester
2. Transcripts
  - Official high school transcript
  - Official transcripts from all colleges attended (if applicable)
  - All transcripts must bear the official seal and signature of the official record custodian
  - All transcripts must be sent directly to Drake by the other institution; faxes, scanned, photocopies, transcripts lacking an original seal, transcripts that are in the student's possession are not considered official
3. Standardized scores or test-flexible interview
  - Those who choose the standard pathway must submit standardized test scores (ACT or SAT)
  - Those who choose the test-flexible pathway must schedule an interview with Office of Admission team
4. Personal essay – strongly encouraged but not required
5. Letter of recommendation – strongly encouraged but not required
6. Audition – required for music or theatre students

Prospective students who graduated from high school four or more years prior to applying for admission and who did not take the ACT or SAT examination should contact the Office of Admission.

Students who were enrolled at other colleges or universities during high school must submit official transcripts from each institution attended. Failure to provide official transcripts from each institution attended or any misrepresentation on the application for admission may result in the cancellation of admission or registration. It may also preclude the release of an official Drake transcript.

### **Transfer of Credit**

College-level coursework earned at other institutions will be evaluated and may be applied to students' Drake record accordingly. See the [Transfer of Credit](#): ([www.drake.edu/catalog/undergrad/current/academicregulations/transferecredit](http://www.drake.edu/catalog/undergrad/current/academicregulations/transferecredit)) area of the catalog for more details, including information on how AP, IB, CLEP exams and other transfer credit may equate to Drake courses.

First Year Students (International)

Drake University is authorized by federal law to enroll non-immigrant students and exchange visitors. International students are required to submit proof of financial resources before an I-20 or DS-2019 is issued respectively for the F-1 or J-1 visa.

### **Admission Pathways**

There is no single, inflexible set of admission criteria such as a minimum grade point average (G.P.A.) or test score. Drake reviews applications in an individualized, holistic manner and recognizes that performance on a standardized test will not necessarily represent an applicant's admission qualifications. Applicants may choose between a standard admission pathway and a test-flexible pathway.

The standard pathway requires applicants to submit a standardized test score (ACT or SAT) as part of their application. It is available to all applicants no matter which program to which they are applying, and it is required for students applying to pre-pharmacy, pre-athletic training, or pre-occupational therapy program.

The test-flexible pathway allows applicants to substitute the standardized test score (SAT or ACT) requirement with an interview with a member of the Office of Admission team. This pathway is not available to applicants who meet any of the following criteria:

- Are applying to any of the following programs: pre-pharmacy, pre-athletic training, pre-occupational therapy
- Are National Alumni Scholarship applicants
- Were home schooled
- Are incoming first-year students with a high school cumulative GPA below 3.0 on a 4.0 scale

### **Application Deadlines**

The following deadlines apply to all first-year students, regardless of the admission pathway they choose.

- Early Action Priority Deadline: Dec 1
- Priority Deadline: Mar 1

Early Action Priority Applicants are eligible for priority notification for admission and the Presidential Scholarship, priority for housing preferences, and early notification of their financial aid package.

### **Application Requirements**

All first-year students must submit the following materials.

1. Online application
  - Those who are not applying to the pre-pharmacy program may choose either of the following:
    - Drake University Application

[The Common Application \(www.commonapp.org\)](http://www.commonapp.org), including the Common Application Member Questions specific to Drake University

- Those who are applying to the pre-pharmacy program must choose the Drake University application
- 2. Transcripts
  - Official academic records from all secondary schools attended
  - Only original or certified true copies submitted by educational institution, including external exam results; faxed, scanned, photocopies not accepted
  - Official transcripts from all colleges attended (if applicable)
  - All transcripts must bear the official seal and signature of the official record custodian
  - All transcripts must be sent directly to Drake by the other institution; faxes, scanned, photocopies, transcripts lacking an original seal, transcripts that are in the student's possession are not considered official, even if they have been certified by notaries, commissioners of oaths, or translators
  - Any translated record should be an exact translation (not interpretive) and be accompanied by the official, original-language document
- 3. English proficiency
  - TOEFL: min score of 71 for iBT
  - IELTS: 6.0
  - Conditional admission to undergraduate programs except pre-pharmacy may be available to students who meet admission standards but who do not meet the English proficiency requirements
- 4. Standardized scores or test-flexible interview
  - Those who choose the standard pathway must submit standardized test scores (ACT or SAT)
  - Those who choose the test-flexible pathway must schedule an interview with Office of Admission team
- 5. Personal essay – strongly encouraged but not required
- 6. Summary of extracurricular activities
- 7. Financial certificate
- 8. International student grant application
- 9. Letter of recommendation – strongly encouraged but not required
- 10. Audition – required for music or theatre students

### **Transfer of Credit**

Students who have sat for the General Certificate of Education Advanced Level Examinations can be awarded six to eight hours of credit per subject passed at the Advanced Level with a qualifying grade. Credit is also awarded for the German Abitur, French Baccalaureate, and selected other national examinations. Applicants who have completed the full International Baccalaureate diploma program are eligible for approximately one year of advanced-standing credit. Credit for both higher and standard levels is awarded through a course-by-course evaluation. For more information, see the **AP, IB, CLEP** Credit section of the catalog.

Other college-level coursework earned at other institutions will be evaluated and may be applied to students' Drake record accordingly. See the [Transfer of Credit \(www.drake.edu/catalog/undergrad/current/academicregulations/transfercredit/\)](http://www.drake.edu/catalog/undergrad/current/academicregulations/transfercredit/) area of the catalog for more details, including information on how AP, IB, CLEP exams and other transfer credit may equate to Drake courses.

## Transfer Students (Domestic)

Drake welcomes transfer students from two- and four-year institutions. Consideration for admission is given to transfer applicants with a minimum cumulative grade point average (C.G.P.A.) of 2.0 on a 4.0 scale, or its equivalent, for all college work attempted at an accredited institution. However, a 2.5 minimum C.G.P.A. is recommended for admission.

Transfer applicants suspended for academic or other reasons at another institution, or otherwise not in good standing, are not eligible for admission consideration, or enrollment in Drake University for one year following the imposition of the suspension. Transfer applicants must be in good academic standing at the last institution attended.

Prior to enrollment, transfer applicants must request that **each** postsecondary institution previously attended send an official transcript of all work attempted. The official transcripts must bear the official seal and signature of the official in charge of records by each college or university previously attended and must be sent directly to Drake's Office of Admission. Transcripts that have been in the student's possession are not considered official documents.

An official transcript from any foreign post-secondary institution is required to cover any period that a transfer student studied there. In appropriate cases, an English translation must be provided.

Attendance at each institution must be reported whether credit was earned and regardless of the applicant's preference. Failure to report all previous academic work is considered sufficient cause for rejection of an application or cancellation of admission or registration. It also may preclude the later release of a Drake transcript.

### **Application Deadlines**

The following deadlines apply to all first-year students, regardless of the admission pathway they choose.

- For those applying to an undergraduate programs other than Doctor of Pharmacy
  - For priority review for admission, scholarship, and financial aid considerations, all required documents and completed applications must be received by the following dates
    - Fall semester entry: July 1
    - Spring semester entry: Dec 1
    - Summer term entry: Apr 15
  - Applications received after the priority dates will be reviewed on an individual and rolling basis
- For those applying to the Doctor of Pharmacy program (admission is available only for the fall semester)
  - Application must be submitted to PharmCAS by Dec 1
  - Drake Supplemental Form and fee must be submitted to Drake by Dec 1

### **Application Requirements**

All transfer students applying to undergraduate programs must submit an online application, transcripts, and a personal essay. Students who have earned less than 24 semester hours of college credit at the point of application also must submit ACT or SAT scores.

1. Online application

- Those who are not applying to the pre-pharmacy program may choose either of the following:
    - Drake University Application
    - [The Common Application \(commonapp.org\)](http://commonapp.org), including the Common Application Member Questions specific to Drake University
  - Those who are applying to the pre-pharmacy program
    - Must choose the Drake University application
    - Admission is available only for the fall semester
2. Transcripts
    - Official transcripts from any and all colleges attended for any term, including summer
    - All transcripts must bear the official seal and signature of the official record custodian
    - All transcripts must be sent directly to Drake by the other institution; faxes, scanned, photocopies, transcripts lacking an original seal, transcripts that are in the student's possession are not considered official
  3. Personal essay
  4. Applicants who have earned fewer than 24 semester hours of college credit at the point of application also must submit the following:
    - Official copy of final high school transcript or high school equivalency certificate
    - Standardized test score (ACT or SAT) or participate in an interview
  5. Audition – required for music or theatre students

### **Transfer of Credit**

College-level coursework earned at other institutions will be evaluated and may be applied to students' Drake record accordingly.

Admitted transfer students with an Associate of Arts (A.A.) or an Associate of Science (A.S.) degree from an Iowa community college who have at least 60 semester credits acceptable for transfer and a minimum 2.0 cumulative grade point average will enter Drake University having fulfilled the Drake Curriculum general education requirements with the exception of the Senior Capstone requirement in the student's major(s) area of study.

Students are required to submit a final transcript with proof of the A.A. or A.S. degree before the beginning of their second term (excluding summer or J-term) of enrollment. Students who fail to provide the appropriate documentation will be required to complete the general education requirements.

Students who completed an associate degree other than an A.A. or A.S. or received the associate degree from a community college outside of Iowa will have credits evaluated on a course-by-course basis.

See the [Transfer of Credit \(www.drake.edu/catalog/undergrad/current/academicregulations/transferecredit\)](http://www.drake.edu/catalog/undergrad/current/academicregulations/transferecredit) area of the catalog for more details, including information on how AP, IB, CLEP exams and other transfer credit may equate to Drake courses.

### Transfer Students (International)

Drake University is authorized by federal law to enroll non-immigrant students and exchange visitors. International students are required to submit proof of financial resources before an I-20 or DS-2019 is issued respectively for the F-1 or J-1 visa.

## Application Deadlines

- For those applying to an undergraduate programs other than Doctor of Pharmacy
  - For priority review for admission, scholarship, and financial aid considerations, all required documents and completed applications must be received by the following dates
    - Fall semester entry: June 1
    - Spring semester entry: November 1
  - Applications received after the priority dates will be reviewed on a space-available basis
- For those applying to the Doctor of Pharmacy program
  - Application must be submitted to PharmCAS by Dec 1
  - Drake Supplemental Form and fee must be submitted to Drake by Dec 1

## Application Requirements

1. Application
  - For Undergraduate Programs Other Than Doctor of Pharmacy
    - Drake Application
    - Common Application
  - For the Doctor of Pharmacy Program – available only for fall semester; must apply through PharmCAS
2. Transcripts
  - Applicants with fewer than 24 semester credits of degree-level coursework also must
    - Submit official academic records from all secondary schools attended
    - Submit official ACT or SAT scores or schedule an interview with an admission counselor
  - All applicants, regardless of the amount of degree-level coursework completed, must submit an official transcript from each postsecondary institution attended
  - Only original or certified true copies submitted by educational institution, including external exam results; faxed, scanned, photocopies not accepted
  - All transcripts must bear the official seal and signature of the official record custodian
  - All transcripts must be sent directly to Drake by the other institution; faxes, scanned, photocopies, transcripts lacking an original seal, transcripts that are in the student's possession are not considered official, even if they have been certified by notaries, commissioners of oaths, or translators
  - Any translated record should be an exact translation (not interpretive) and be accompanied by the official, original-language document
3. Standardized Scores or Test-Flexible Interview – for applicants who have earned less than 24 semester hours of college credit at the point of application
  - Those who choose the standard pathway must submit standardized test scores (ACT or SAT)
  - Those who choose the test-flexible pathway must schedule an interview with Office of Admission team
4. English Proficiency
  - TOEFL: min score of 71 for iBT
  - IELTS: 6.0
  - Conditional admission to undergraduate programs except pre-pharmacy may be available to students who meet admission standards but who do not meet the English proficiency requirements
5. Personal essay
6. Summary of Extracurricular Activities
7. Financial Certificate
8. International Student Grant Application

9. Letter of recommendation – strongly encouraged but not required
10. Audition – required for music or theatre students

### **Transfer of Credit**

Students who have sat for the General Certificate of Education Advanced Level Examinations can be awarded six to eight hours of credit per subject passed at the Advanced Level with a qualifying grade. Credit is also awarded for the German Abitur, French Baccalaureate, and selected other national examinations. Applicants who have completed the full International Baccalaureate diploma program are eligible for approximately one year of advanced-standing credit. Credit for both higher and standard levels is awarded through a course-by-course evaluation. For more information, see the **AP, IB, CLEP** Credit section of the catalog.

Other college-level coursework earned at other institutions will be evaluated and may be applied to students' Drake record accordingly. See the [Transfer of Credit](#) ([www.drake.edu/catalog/undergrad/current/academicregulations/transfercrredit](http://www.drake.edu/catalog/undergrad/current/academicregulations/transfercrredit)) area of the catalog for more details, including information on how AP, IB, CLEP exams and other transfer credit may equate to Drake courses.

### Part-Time Undergraduate Students

A student enrolled in less than 12 credit hours of coursework during any fall or spring semester is considered a part-time student.

Part-time degree applicants are required to meet the same standards for admission as full-time applicants.

### Scholarships and Financial Aid

First-year applicants, including first-year pre-pharmacy, eligible to compete for the National Alumni Scholarships must submit the separate scholarship online application and all other required admission application documents by the December 1 postmark deadline.

### Following Admission

Full-time students must live in the Drake residence halls during any period of University enrollment within two years following high school graduation unless they are married or live with their parents or legal guardian within a 45-mile radius. Other students may choose to live in student residence halls if space is available.

### Non-Degree-Seeking Students

Students interested in taking courses for academic credit but who is not seeking a degree may be eligible to enroll as a non-degree-seeking student. Students who have been denied admission to Drake are not eligible to enroll without the permission of the Dean of Admission.

Non-degree-seeking students are required to complete the [Non-Degree Seeking Student Registration Request Form](http://www.drake.edu/media/departments/offices/studentrecords/documents/non-degree-seeking-student-registration-request-formv10.pdf) ([www.drake.edu/media/departments/offices/studentrecords/documents/non-degree-seeking-student-registration-request-formv10.pdf](http://www.drake.edu/media/departments/offices/studentrecords/documents/non-degree-seeking-student-registration-request-formv10.pdf)) available at the Office of the Registrar. Students who regularly attend other colleges or universities and register at Drake University for the purpose of earning credit to transfer to their home institution are encouraged to seek course-by-course approval from their home institutions prior to registering for specific courses at Drake.

Non-degree-seeking students are held to the same probation and suspension standards as degree-seeking students.

Non-degree-seeking students may not enroll in more than nine credit hours per semester. Students seeking an exemption from this policy must request permission from the Dean of Admission.

Once 24 credit hours have been accumulated, the student will be contacted concerning his/her academic goals, past performance, and intent to seek admission for earning a degree. If the student does not intend to pursue a degree, he/she may continue as a non-degree-seeking student.

Non-degree-seeking students who want to become degree-seeking candidates must submit the application for admission and official transcripts of all courses attempted for all terms at all postsecondary institutions attended. Credits earned as a non-degree-seeking student may or may not apply toward a degree program. Applicants are required to meet the same standards for admission as transfer students. The Office of Admission coordinates the transcript evaluation process with the respective colleges and schools. The dean's office of the appropriate college or school decides how each course accepted applies toward Drake's degree requirements.

#### High School Students and the Post-Secondary Enrollment Option

Drake University provides students who are currently enrolled in high school and desire the challenge of academic study above and beyond what is available in the high school curriculum to investigate the opportunity of dual enrollment.

To qualify, high school students must be in their junior or senior year, provide a copy of their high school transcript, rank in the top one-third of their classes, and have scored a minimum composite of 115 on the PSAT, 1150 (critical reading and math only) on the SAT, 25 on the ACT PLAN, or 25 on the ACT.

Applicants must complete a Post-Secondary Enrollment application, which is available in the Office of Admission or at their high schools, and receive approval from their school counselor. Enrollment in requested courses is subject to course availability.

Qualified students may enroll in a maximum of two courses at Drake University during the fall and spring semesters and one course per summer session as high school students while completing their remaining high school graduation requirements. Students may qualify for financial assistance under the Post-Secondary Enrollment Options Act.



## Tuition and Fees

Official tuition and fees are set by the [Office of Finance and Administration \(www.drake.edu/busfin\)](http://www.drake.edu/busfin) and administered through the Student Accounts Office. The most current version of the Drake University tuition and fees schedule is located on the [Student Accounts \(www.drake.edu/accounts\)](http://www.drake.edu/accounts) web site.

### Drake University Tuition Guarantee

The Drake Guarantee enables students and families to plan for the cost of a college education by stabilizing the full-time undergraduate tuition and standard room and meal plan rates for the four years required to complete most degree programs. Eligible students receive a four-year guaranteed rate schedule.

Students become eligible upon initial full-time enrollment in a spring or fall semester in either a bachelor's degree program or pre-pharmacy program. Enrollment status is determined by the number of credits for which students are registered on the tenth day of the respective fall or spring semester. Eligibility expires after eight consecutive fall and spring semesters. If at the end of the eight semesters a student has not completed his or her degree, the student may request an extension. Requests for an extension should be submitted to the Director of Student Accounts. Students who have withdrawn and are readmitted may rejoin their original guarantee cohort if the duration of the cohort has not elapsed. Absent of extenuating circumstances, the expiration date of the guarantee will not be extended.

Full-time undergraduate tuition, standard room rates, and standard meal plan rates are guaranteed for the fall and spring semesters over the duration of the guarantee. Standard room rates are guaranteed subject to availability of rooms in the residence halls. Upon approval by the Director of Residence Life, a student may live in a premium room. Premium room charges include a surcharge in addition to the guaranteed standard room rate. Surcharges are not included in the guarantee and are assessed using the published schedule of fees for that academic year.

Students who are not required to live on campus may opt out of the standard room or standard meal plan guarantee. Students who opt out and later return to a standard room or standard meal plan will be assessed fees based on the terms of their original guarantee cohort.

Other tuition and fee rates are determined independently of the rates included in the guarantee and assessed using the published schedule of tuition and fees for that academic year.

### 2020-2021 Summary of Tuition

<b>Program</b>	<b>Rate</b>	<b>Per</b>
<b>Undergraduate Programs</b>		
Full-time (12-18 credits per semester)		
For students who enter the 2020-2021 academic year	\$22,094	Per Semester
For students who enter the 2019-2020 academic year	\$21,347	Per Semester
For students who enter the 2018-2019 academic year	\$20,625	Per semester
For students who entered the 2017-2018 academic year	\$19,458	Per semester
For students who entered the 2016-2017 academic year or prior	\$19,731	Per semester
Part-time (less than 12 credits per semester)		
Day or evening courses	\$1,133	Per credit hour

<b>Program</b>	<b>Rate</b>	<b>Per</b>
Summer	\$725	Per credit hour
Bachelor of Journalism and Mass Communication online	\$650	Per credit hour
J-Term	\$1,133	Per credit hour
<b>Graduate and Professional Programs</b>		
<b>Online Graduate Programs</b>		
Compliance and Risk Management	\$850	Per credit hour
Master of Arts in Communication	\$650	Per credit hour
Master of Business Administration	\$700	Per credit hour
Master of Public Administration	\$700	Per credit hour
Master of Science in Business Analytics	\$850	Per credit hour
Master of Science in Education	\$500	Per credit hour
Master of Science in Health Informatics and Analytics	\$700	Per credit hour
<b>Residential Graduate Programs</b>		
<b>College of Arts and Sciences</b>		
Master of Science in Applied Behavior Analysis	\$500	Per credit hour
<b>College of Business and Public Administration</b>		
Master of Accounting	\$700	Per credit hour
Master of Business Administration	\$700	Per credit hour
Master of Public Administration		
2020-2021 Cohort	\$700	Per credit hour
2019-2020 Cohort and prior	\$620	Per credit hour
<b>School of Education</b>		
All graduate programs except Master of Science in Counseling	\$500	Per credit hour
Master of Science in Counseling	\$515	Per credit hour
<b>School of Law</b>		
<b>Juris Doctor</b>		
Full-time (10-18 credits per semester)	\$21,750	Per semester
Part-time (less than 10 credits per semester)	\$1,500	Per credit hour
<b>Master of Laws</b>		
Full-time (10-18 credits per semester)	\$21,750	Per semester
Part-time (less than 10 credits per semester)	\$1,500	Per credit hour
Master of Jurisprudence	\$850	Per credit hour
Study in France	\$7,250	Per semester
<b>Pharmacy and Health Sciences</b>		
<b>Pharmacy</b>		
Full-time (12-18 credits per semester)		
Students in P1-P3 years	\$21,500	Per semester
Students in P4 year	\$24,000	Per semester
Part-time (less than 12 credits per semester)	\$925	Per credit hour

<b>Program</b>	<b>Rate</b>	<b>Per</b>
Occupational Therapy		
Full-time (12-18 credits per semester)	\$19,950	Per semester
Summer		
Students in O1-O2 years	\$9,975	Per semester
Students in O3 year	\$19,950	Per semester
Part-time (less than 12 credits per semester)	\$900	Per semester
Athletic Training		
Full-time (12-18 credits per semester)	\$14,900	Per semester
Part-time (less than 12 credits per semester)	\$700	Per credit hour

#### Other Programs

##### Intensive English Program

###### Fall or spring semester

    Full-time (six or more IEP credits per semester)      \$6,500      Per semester

    Part-time (less than six IEP credits per semester)      \$1,300      Per course

    Summer semester      \$1,730      Per session

Post Secondary Enrollment Option      \$250      Per course

Senior Citizen (ages 62+) - Course Audit      \$60      Per credit hour

Continuing Education & Professional Development      varies

*Other tuition rates may be applied as specified in contractual terms with or as passed through by third party organizations*

#### 2020-2021 Summary of Fees

<b>Fee</b>	<b>Rate</b>	<b>Per</b>
Student Activity Fee		
Full-time		
Undergraduate	\$89	Per semester
Graduate (9 or more credits)	\$89	Per semester
Pharmacy	\$89	Per semester
Occupational Therapy	\$89	Per semester
Athletic Training	\$89	Per semester
Law	\$31	Per semester
Overload Fee (credits beyond 18 per semester)	based on program rate	
Technology Fee		
Full-time		
Graduate, online programs	\$250	Per semester
Graduate, residential programs	\$250	Per semester

	<b>Fee</b>	<b>Rate</b>	<b>Per</b>
Part-time		\$80	Per semester
Summer		\$60	Per semester
<b>Application Fee</b>			
Athletic Training		\$70	
Occupational Therapy		\$70	
<b>Orientation Fee</b>			
Student		\$110	
Parent staying on campus		\$85	
Parent staying off campus		\$45	
Student Bar Association Fee (Law School)		\$25	
Health Science Fee		\$50	
International Pharmacy Rotation		\$550	Per semester
<b>Music Fees (selected courses)</b>			
Applied music		\$340	Per course
Accompanist		\$610	Per course
Theatre arts		\$305	Per course
Vocal performance		\$305	Per course
Drake University Community School of Music Fee	\$32		
<b>Study Abroad</b>			
Affiliate program, semester		\$500	Per semester
Affiliate program, J-term or summer		\$300	
Language Placement Exam Fee		\$5	
Reserve Officer Training Corps Fee		\$50	
Payment Plan Fee		\$30	
Late Payment Fee		\$60	
Transcript Fee		\$8	

#### 2020-2021 Summary of Room Fees

	<b>Room Fee</b>	<b>Rate</b>	<b>Per</b>
<b>Fall and Spring</b>			
Double, triple, or quad room		\$3,042	Per semester
Single room		\$4,489	Per semester
Double-as-single room		\$4,848	Per semester
<b>Summer</b>			
Double		\$30	Per day
Single		\$46	Per day
J-Term Room and Board		\$57	Per day

## 2020-2021 Summary of Meal Plans

<b>Plan</b>	<b>Rate</b>	<b>Per</b>
<b>Residential Plans</b>		
Unlimited + 100 flex dollars + 6 guest passes	\$2,534	Per semester
Unlimited + 300 flex dollars + 6 guest passes	\$2,714	Per semester
175 block plan + 650 flex dollars	\$2,534	Per semester
205 block plan + 525 flex dollars	\$2,534	Per semester
<b>Commuter Plans</b>		
40 meal plan + 300 flex dollars	\$560	Per semester
75 meal plan + 300 flex dollars	\$700	Per semester
125 meal plan + 200 flex dollars	\$810	Per semester
All flex (250 flex dollars + 10 guest/bonus meals)	\$250	Per semester

## Student Financial Planning and Financial Aid

The Office of Student Financial Planning provides counseling and services designed to help students and their families meet the costs of financing an education at Drake University. Nearly all Drake students receive financial assistance, including merit and need-based assistance. Visit [drake.edu/financialaid](http://drake.edu/financialaid) for more information about financial aid awards, policies and procedures.

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### Scholarships and Grants

Approximately 98 percent of Drake full-time undergraduate students receive scholarships or grants provided by the University. These scholarships include awards based on demonstrated financial need, academic achievement, and artistic or athletic talent. A growing amount of scholarships are provided through the generosity of Drake's alumni and friends.

#### Drake University Scholarships

#### Common Merit-Based Scholarships for Students Entering Directly from High School

Examples of common merit-based scholarships for students entering directly from high school are listed below. For information regarding the specific criteria, visit [drake.edu/admission](http://drake.edu/admission).

- **Drake National Alumni Scholarships** (Relationship to an alum not required)
- **George T. Carpenter Scholarships**
- **Trustee Scholarships**
- **Presidential Scholarships**

#### Scholarships for Entering Transfer Students

All full-time undergraduate transfer students who do not have previous bachelor's degrees are considered for merit-based awards. Awards are renewable for additional semesters (maximum of 8 semesters) based upon the

transfer credits accepted for the degree program and the expected graduation date determined from that review. Examples include:

- **Presidential Transfer Awards**
- **Phi Theta Kappa Scholarships** - applicable to eligible community college transfer students
- **The Carver Scholarship** - applicable to eligible students at Iowa community colleges, two-year private colleges and four-year colleges

Contact the Office of Student Financial Planning for more information about these scholarships.

### Additional Drake Scholarships

- **Drake Grants** - available to undergraduate, full-time students with financial need (FAFSA required)
- **Fine Arts Scholarships** - available to full-time undergraduate students who display exceptional talent in art, music or theatre arts (audition/application required)
- **Division I NCAA Athletic Scholarships** - available to student athletes in men's and women's sports. Interested students should contact the coach of the sport in which they participate to obtain information on athletic scholarship opportunities.
- **Drake University Legacy Awards** - available for children, grandchildren and great-grandchildren of Drake alumni
- **National Merit Scholarships** - incoming first-year students who rank as National Merit finalists and who have indicated Drake University as their first-choice institution may be considered for Drake-sponsored scholarships
- **Crew Scholars Program** supports the recruitment and retention of a diverse undergraduate student body and helps ensure a welcoming and supportive environment for all students. For more information about applying to be a Crew Scholar visit the [Crew Scholars Program](http://www.drake.edu/academics/undergraduate/crew) web site ([www.drake.edu/academics/undergraduate/crew](http://www.drake.edu/academics/undergraduate/crew)).

### Federal and State of Iowa Grants

The following are examples of federal and state grants and/or scholarships that may be included in a financial aid package. To apply, students must complete a [FAFSA](https://fafsa.gov) (<https://fafsa.gov>) for the appropriate award year. These grants will be included on the financial aid award notice of any eligible student.

- **Federal Pell Grants** (<https://studentaid.ed.gov/sa/types/grants-scholarships/pell>) are awarded to undergraduate students admitted to and enrolled in a first bachelor degree program who meet the eligibility criteria established by Federal Student Aid.
- **Federal Supplemental Educational Opportunity Grants** (<https://studentaid.ed.gov/sa/types/grants-scholarships/fseog>) provide additional funding for Pell Grant-eligible students with remaining financial need.
- **Iowa Tuition Grants** (<https://www.iowacollegeaid.gov/iowatuitiongrant>) are awarded to qualified Iowa residents planning to attend a private college in Iowa. The Iowa College Student Aid Commission establishes eligibility criteria annually. To apply, students should complete the [FAFSA](https://fafsa.gov) (<https://fafsa.gov>) by July 1 (preceding the upcoming academic year).

### ROTC Scholarships and Grants

ROTC scholarship students lead essentially the same life as other college students. Students may pursue any course of study leading to a baccalaureate degree that is listed in the Approved Academic Disciplines List and

may engage in any activity that does not interfere with ROTC requirements, which include prescribed military science courses, participation in scheduled drill periods and attending a 4-week ROTC Leader Development and Assessment Course (LDAC) between the junior and senior years.

For more information about ROTC scholarships and grants, contact the Military Science Department:

Military Science Department  
Drake University  
1153 24th Street  
Des Moines, IA 50311  
515-271-3952 or 800-44-DRAKE, extension 3952  
or 800-600-ROTC, extension 0308

Endowed University Scholarships and Outside Scholarships

Drake University awards many endowed scholarships each academic year. Most endowed scholarships are based on academic performance, area of study, and calculated financial need (as determined by the student's [FAFSA \(https://fafsa.gov\)](https://fafsa.gov) application and other awards already received). In many cases, endowed scholarships fund previously-awarded Drake grants or scholarships that are unfunded (funded by tuition discount).

Corporations, civic groups and other clubs or organizations may award outside scholarships with most requiring the completion of separate applications. Good sources for identifying outside scholarships include:

- Libraries
- High school or TRIO counselors
- Many firms and agencies extend educational benefits to their employees. Contact the personnel office of you or your parent's places of employment to find out if the employer(s) will help finance student's education.

For helpful links for financial assistance, scholarships and fellowships, visit [drake.edu/finaid](http://drake.edu/finaid). Please note that outside scholarships must be counted as student financial assistance. If outside scholarships combined with other financial aid exceed a student's cost of attendance, a revision of the student's financial aid package will be required.

Federal Loan Programs

- **The [Federal Direct Stafford Loan Program](https://studentaid.ed.gov/sa/types/loans/subsidizedunsubsidized)** (<https://studentaid.ed.gov/sa/types/loans/subsidizedunsubsidized>) allows students to borrow low, fixed-interest loans and defer payment while attending college at least half-time. These loans may be subsidized or unsubsidized depending on the applicant's financial need  
  
**Federal Perkins Loans** (<https://studentaid.ed.gov/sa/types/loans/perkins>) are need-based loans. This loan program expired on September 30, 2017. Federal Perkins Loans have a fixed interest rate, and loan repayment begins nine months after the student is no longer enrolled at least half-time in a degree program.
- **[Health Profession Student Loans](#)** are awarded to students as funds permit. For consideration, students must be enrolled full-time in the Doctor of Pharmacy program and file a [FAFSA](#) including parental

information. Repayment with a fixed interest rate begins twelve months after the student is no longer enrolled at least half-time in the Doctor of Pharmacy program.

- **The [Federal Direct Parent PLUS Loan](https://studentaid.ed.gov/sa/types/loans/plus)** (<https://studentaid.ed.gov/sa/types/loans/plus>) is available to parents of dependent students, to help pay for that student's remaining costs. Parents may borrow the difference between the student's cost of education and all other financial assistance. A [FAFSA](https://fafsa.gov) (<https://fafsa.gov>) application is required for the Federal Parent PLUS. Payment and interest charges begin within 30 to 60 days following full disbursement of funds, or loan payment may be deferred on the same schedule as the student Stafford loan.

#### Private Student Loans

Private student loans may be utilized to cover the gap between a student's cost of attendance and the rest of their financial aid. Private student loans require application to and approval from a lender of the student or parent's choice. As a resource for students, Drake maintains a private lender list that includes lenders with superior customer service and competitive loan terms (interest rates, borrower benefits, fees). Students may use a lender not included on this list without penalty. All interactions between Drake personnel and private student loan lenders are governed by [Drake's Code of Conduct for Education Loans](https://drake.edu/departments/offices/studentfinancialplanning/educational_loan_code_of_conduct2.pdf) ([https://drake.edu/departments/offices/studentfinancialplanning/educational\\_loan\\_code\\_of\\_conduct2.pdf](https://drake.edu/departments/offices/studentfinancialplanning/educational_loan_code_of_conduct2.pdf)).

#### Student Employment

Human Resources assists interested students in locating employment opportunities on campus. Drake students are employed on campus in student residence halls, libraries, recreation services, dining services and in many other campus offices. Positions available on campus are listed on the [Human Resources](http://www.drake.edu/hr/student) ([www.drake.edu/hr/student](http://www.drake.edu/hr/student)) web site. Employment is funded both by the university and through funds provided by the Federal Work Study program. Human Resources provides direct assistance for entering students with a Federal Work Study award.

#### Employer Tuition Deferred Payment Plan

Part-time students may defer their tuition payment if they are being reimbursed 100% by their employer and are not receiving other financial aid. Students wishing to submit an application must log into [myDrake](http://www.drake.edu/registrar/mydrakehowto/login) ([www.drake.edu/registrar/mydrakehowto/login](http://www.drake.edu/registrar/mydrakehowto/login)) and access the Student Services Tab to submit the online application. Payment of the \$35 application fee and the current-term technology fee must be paid before the application can be processed. Questions regarding the deferment can be directed to the Office of Student Accounts, 515-271-2151, #4.

#### Financial Aid for Part-Time Students

Part-time students admitted and enrolled in a degree program may apply for financial aid programs by filing a [Free Application for Federal Student Aid \(FAFSA\)](https://fafsa.gov) at <https://fafsa.gov>. Financial aid awards for eligible part-time students may include:

- [Iowa Tuition Grants](http://www.iowacollegeaid.gov/iowatuitiongrant) ([www.iowacollegeaid.gov/iowatuitiongrant](http://www.iowacollegeaid.gov/iowatuitiongrant)) (July 1 FAFSA filing deadline)
- [Federal Pell Grant](https://studentaid.ed.gov/types/grants-scholarships/pell) (<https://studentaid.ed.gov/types/grants-scholarships/pell>)
- [Federal Direct Stafford](https://studentaid.ed.gov/types/loans/subsidized-unsubsidized) (<https://studentaid.ed.gov/types/loans/subsidized-unsubsidized>) and [Federal Direct Parent PLUS Loans](https://studentaid.ed.gov/types/loans/plus) (<https://studentaid.ed.gov/types/loans/plus>).



The Iowa Tuition Grant requires a minimum enrollment of three credits per term and is available only for fall and spring terms. The Federal Pell Grant is available for students enrolled in at least one credit, and the federal loans require at least half-time enrollment (6 credits). For more information, contact the Office of Student Financial Planning.

Additional Admission and Financial Aid Information

Please visit the following web pages for more complete information regarding undergraduate admission to Drake University and the financial aid programs available for Drake students:

- Office of Admission - [drake.edu/admission/undergraduate](http://drake.edu/admission/undergraduate)
- Office of Student Financial Planning - [drake.edu/finaid](http://drake.edu/finaid)

## **Veterans' Benefits**

Drake University is a CHAMPS campus, a Military Friendly school, and a member of the Yellow Ribbon Program. Veterans Administration benefits for veterans or their spouses or dependents may be used with all of Drake's degree programs.

Visit the [Veterans' Affairs](http://www.drake.edu/veteransaffairs/) ([www.drake.edu/veteransaffairs/](http://www.drake.edu/veteransaffairs/)) page for the most current information about available benefits and relevant procedures.

Drake University will not impose any penalty including the assessment of late fees, the denial of access to classes, libraries or other institutional facilities, and/or the requirements that a Chapter 31 or Chapter 33 recipient borrow additional funds to cover the individual's inability to meet his or her financial obligations to Drake due to the delayed disbursement of a payment by the U.S. Department of Veterans Affairs. Drake abides by Section 103 of the Veterans Benefits and Transition Act of 2018.

[Veterans' Affairs web site \(www.drake.edu/veteransaffairs/\)](http://www.drake.edu/veteransaffairs/)

## **Confidentiality of Records**

The Provost's Office and its various subdivisions maintain student education records as an integral part of providing student services. All student education records and the information contained therein are subject to the provisions of the federal privacy act known as the Family Educational Rights and Privacy Act of 1974 (FERPA) and, subject to exceptions stated in FERPA, are not available for inspection by others without a written release from the student unless the person making the request is a University faculty or staff member with legitimate educational interests. Such personnel might include a faculty adviser, professor, dean or a counselor. Parents may or may not be excluded from seeing their student's education records or receiving information from the records without a release signed by their student, depending on the applicable provisions of FERPA.

Students' Right to Review Education Records

Generally, students may inspect their own education records at any time the record keeping office is open. Prior notice is required to inspect your own file as inspections are done under the supervision of the office staff. Students may copy the contents of their own education records, although if the file is extensive there may be a reasonable copying charge. The following restrictions apply to student review of education records:

1. Students may not see their parents' financial aid form or other financial records.
2. Where records involve two or more students, the student may view only that part of the record that pertains to him/her.
3. Students do not have a right to access records of instructional, supervisory or administrative personnel if those records are kept in the sole possession of the maker and are not accessible or revealed to any other person except substitute personnel.
4. Students do not have the right to access or review the records of Campus Security if the records were created for the purpose of law enforcement.

In all cases where access to records is denied, the student and supervisor of the record shall attempt to informally resolve the matter. If the situation is not resolved in this manner, then the Provost, or his/her designee, shall make a final and binding decision regarding access after reviewing the arguments for access and denial of access.

If students find objectionable material in their files, they should call it to the attention of the supervisor of that record. If the supervisor agrees, the material can be deleted or amended. If the supervisor of the record does not agree to a student's suggested deletion or amendment after the student has had a chance to present all evidence in his/her favor, then the student may add additional or explanatory material to the file, which will be kept as part of the educational record.

University files pertaining to students are normally purged after five years, although each department and College follows its own procedures.

#### Directory Information

FERPA also prevents the University from releasing certain information about students to persons outside the University without first notifying the student.

Drake University may release to the public the following "directory information" about each individual student without prior consent unless timely notified by the student or unless the student has previously requested these records be withheld:

1. Student's name, address (except residence hall room number), telephone number, and email address
2. Parent's name, address and telephone number
3. Date and place of student's birth
4. College/school of enrollment
5. Curriculum (major field of study)
6. Year in school
7. Participation in recognized organizations, activities and sports
8. Weight and height of members of athletic teams
9. Degrees and awards received (including names of Drake-funded scholarships)
10. The most recent previous educational institution attended by the student
11. Job title(s) and date(s) of employment held while enrolled as a student

Any student not wanting the above-referenced directory information released to the public must timely notify the appropriate office. Forms are available from the Office of the Registrar. A notice remains in effect until the student requests lifting of the hold in writing. If personally identifiable information is removed from education records, the records can be disclosed without student notification.

Personally identifiable information other than directory information can be released without prior approval under the following circumstances:

1. Contractors, consultants, volunteers, and other outside service providers used by a school district or postsecondary institution to perform institutional services and functions. A contractor (or other outside service provider) that is given access to education records under this provision must be under the direct control of the disclosing institution and subject to the same conditions on use and re-disclosure of education records that govern other school officials;
2. A school district or postsecondary institution may disclose education records, without consent, to officials of another school, school system, or postsecondary institution where a student seeks or intends to enroll;
3. Organizations, including state or federal education agencies, conducting studies for, or on behalf of the disclosing institution for purposes of developing, validating, or administering predictive tests; administering student aid programs; or improving instruction;
4. Ex parte court orders under the United States of America Patriot Act, or other lawful subpoenas;
5. As part of a health or safety emergency.

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Special Note from the Provost on University Policy Concerning Release of Student Education Records to Parents and Guardians

Generally, it is Drake University's policy to request a signed consent from the student before the University will release the student's education records (including grades) to parents. The University treats students as adults and encourages parents to become partners with their students. The University believes that this approach reinforces the importance of autonomy and accountability in student development.

There is no law forbidding students from voluntarily sharing all their information with parents after the student receives it from the University, and no consent form is required for such voluntary sharing between student and parent.

Under the following special circumstances, the University may release student education records to parents or others without student consent:

1. In an emergency, federal law (FERPA) allows the University to contact parents and other appropriate persons and disclose the information necessary to protect the health or safety of the student or other persons;
2. FERPA allows the University to disclose to parents or legal guardians information about their students' violation of any federal, state or local law, or any rule or policy of the institution governing the use or possession of alcohol or a controlled substance, if (a) the student is under the age of 21; and (b) Drake determines that the student has committed a disciplinary violation with respect to such use or possession of alcohol or controlled substances;
3. The University may disclose to parents or guardians a student's education record or information therein to the extent necessary to process the student's financial aid request and for such related purposes as to:
  1. determine eligibility for the aid;
  2. determine the amount of the aid;
  3. determine the conditions for the aid; and/or
  4. enforce the terms and conditions of the aid
4. Consistent with FERPA, if the student decides not to grant permission, then parents will have access to their student's records if they can provide evidence that meets the "dependent for tax purposes"

requirement. (A dependent is an appropriate relative or member of the taxpayer's household who receives more than half of his/her support for the calendar year from the taxpayer. Scholarships are not taken into consideration. 26 U.S.C. Â§ 152.)

The University's policy regarding disclosure of student information to parents is explained to parents and students at summer orientation. Students may authorize their parents' access to their record via the "Authorize Family Access" link in the student portal.

Questions regarding FERPA, University policy or parental access to student education records can be addressed to the Office of the Registrar, 515-271-2025, or to the Associate Provost for Academic Excellence and Student Success at 515-271-3751.

More information about FERPA can be found at <http://www.ed.gov/policy/gen/guid/fpco/ferpa/index.html>.

## **Student Life**

### Residence

Drake University believes that the experience students receive from the residence hall program benefits their academic, social, intellectual and personal growth. The philosophy of Drake University is that student life in the residence halls is not separate from the academic mission of the University, but rather it is supportive of the students' total development. The overriding goal of the Office of Residence Life (ORL) is to align the residence education structure with that of the overall University to provide an intentional, progressive and dynamic student experience.

Therefore, all full-time students must live in the Drake University residence halls during any period of university enrollment occurring within two years following their high school graduation. Students meeting this requirement during the contract year are expected to fulfill the terms of the contract. Exceptions include individuals who are married or live within a 45-mile radius of Drake University and have requested and received written approval from the Office of Residence Life to live off campus with a parent/legal guardian. Any student who is beyond two years of high school graduation is not required to live in a residence hall but may elect to do so if space is available.

A written request for an exception to this policy must be filed with the Office of Residence Life prior to the semester for which the request is made. Students may also pursue medical exemptions from the residence rule by contacting the Office of Student Disability Services.

The University maintains eight coeducational residence halls for undergraduates. The residence halls have 24-hour desk services, laundry facilities and mail service. The size of the rooms varies, but each residence hall room has a XL twin bed, dresser, desk and chair (type of furniture will vary per hall). All residence hall rooms are wired for cable TV, as well as Ethernet, which provides Internet access. All residence halls also offer wireless internet connection.

Drake Dining Services offers meal plans that enable students to enjoy meals and snacks seven days a week at several locations on campus. Options are designed to meet a wide variety of dietary needs, preferences and lifestyles, from vegetarian, pizza, pasta and all you can eat to late-night and carryout choices. Dining services staff assists students to meet their individual dietary needs. All students living in the residence halls are required to have a meal plan.

Drake's residence halls and dining facilities include the following:

**Carpenter Hall**, 2900 Forest Avenue, is named for Mary Carpenter, dean of women from 1897 to 1908 and 1918 to 1930. Carpenter was a member of the Drake Class of 1885. Carpenter Hall is accessible to persons with disabilities.

**Crawford Hall**, 1333 30th Street, is named for Robert A. Crawford, an early Des Moines banker and philanthropist. He was treasurer of Drake's Board of Trustees from 1924 to 1937. Crawford Hall is accessible to persons with disabilities.

**Goodwin-Kirk Hall**, 1215 30th Street, recognizes the contributions of two longtime associates of the University. William J. Goodwin was a Drake graduate and served as president of Drake's Board of Trustees. Sherman Kirk was a faculty member from 1897 to 1940 and dean of Drake's Bible College. Goodwin-Kirk Hall is accessible to persons with disabilities.

**Herriott Hall**, 2842 Forest Avenue, takes its name from Frank I. Herriott, a political science professor at Drake from 1903 to 1941. He was instrumental in establishing a Phi Beta Kappa chapter at Drake. Herriott Hall is accessible to persons with disabilities.

**Jewett Hall**, 2700 Forest Avenue, is named for George A. Jewett, a founder of the University. He also served as secretary of Drake's Board of Trustees from 1882 to 1934. First floor of Jewett Hall has access for persons with disabilities.

**Morehouse Hall**, 2803 University Avenue, is named for Drake's sixth president, Daniel W. Morehouse. The hall and the Drake Stadium were built during his presidency from 1922 to 1941. Ground floor of Morehouse Hall is accessible to persons with disabilities.

**Stalnaker Hall**, 1319 30th Street, is named for Luther W. Stalnaker, a Drake alumnus and professor of philosophy. He also was dean of the College of Liberal Arts from 1940 to 1954. Stalnaker Hall is accessible to persons with disabilities.

**Ross Hall**, 1214 31st Street, takes its name from Luther S. Ross, a botany professor who provided initial faculty recognition for intercollegiate athletics at Drake. First floor of Ross Hall is accessible to persons with disabilities.

**Hubbell Dining Hall** is named for Grover C. Hubbell, a member of an Iowa pioneer family and member of Drake's Board of Trustees from 1929 to 1956. Hubbell also served as chair of the board from 1931 to 1948. Hubbell North, the all-you-care-to-eat buffet option, Quad Creek Café with pizza, sandwiches, Mexican, and classic grill items, and Spike's Spot, the convenience store.

**Olmsted Center** is named for George H. Olmsted, an Iowa philanthropist and member of Drake's Board of Trustees. It also offers student lounges, Student Life and Residence Life offices, meeting rooms and conference facilities.

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## Activities and Organizations

### Co-curricular Activities

Drake students may choose from a wide range of co-curricular activities, including drama, dance and musical groups and organizations; academic and professional associations and societies; special-interest hobby and political groups; a number of religious foundations and many others. The Times-Delphic (campus newspaper) and various other publications have positions available for students interested in these areas. Information can be found online in the [Drake University Student Handbook \(www.drake.edu/studentlife/handbook-resources/handbook\)](http://www.drake.edu/studentlife/handbook-resources/handbook) or by inquiring at the Student Life Center located in the Olmsted Center.

### Fraternities and Sororities

The Office of Fraternity and Sorority Life works with the National Pan-Hellenic Conference, Interfraternity Council (IFC) and the Panhellenic Council to provide students with opportunities for self-development in value-based leadership organizations. The fraternity and sorority community prides itself on intellectual growth, engaged citizenship, service with the community, life-long friendships, leadership development and fostering inclusion.

Drake is home to eight North-American Interfraternity Conference (NIC) chapters. These international social fraternities include: Alpha Tau Omega, Phi Delta Theta, Phi Gamma Delta (FIJI), Sigma Alpha Epsilon, Sigma Chi, Sigma Phi Epsilon, Tau Kappa Epsilon and Theta Chi.

The following National Panhellenic Council (NPC) international sororities have a chapter at Drake: Alpha Delta Pi, Alpha Phi, Delta Gamma, Kappa Alpha Theta and Kappa Kappa Gamma.

There are seven National Pan-Hellenic Conference (NPHC) organizations on campus: Alpha Kappa Alpha Sorority, Inc.; Delta Sigma Theta Sorority, Inc.; Sigma Gamma Rho Sorority Inc.; Alpha Phi Alpha Fraternity, Inc.; Kappa Alpha Psi Fraternity, Inc.; Omega Psi Phi Fraternity, Inc.; and Phi Beta Sigma Fraternity, Inc. Some of our NPHC chapters have joint charters with Iowa State University.

### Honor Societies

Order of Omega is the Greek-affiliated honor society for juniors and seniors. Phi Beta Kappa is a prestigious honor society that elects into membership each year a limited number of top-ranking seniors in recognition of outstanding achievement in the liberal arts. These societies are among the nationally affiliated all-university honor societies on the Drake campus. In addition, all colleges and schools have their own honor groups, which are outlined in the college and school sections of this catalog.

### Multicultural Student Organizations

Drake University recognizes the African Students Association (ASA), Coalition of Black Students (CBS), Chinese Students Association, (CSA) Black American Law Students Association (BALSA), El Ritmo Latino, the South Asian Student Association (SASA), the Vietnamese American Student Association (VASA), the Malaysian Student Association (MASA), Rainbow Union, (LGBT and Ally group) and the International Student Association (ISA). These organizations sponsor a variety of programs, including Black History and Hispanic Heritage months. The Black Cultural Center, CAYA (Come As You Are) and La Casa Cultural provide opportunities for all students to meet informally for programs and activities.

## Crew Scholars Program

The Crew Scholars Program is an academic excellence and leadership development program for students of color at Drake. The Program consists of four cohorts of between 20 and 30 students each. Their aim is to encourage each other to achieve great things at Drake, offer mutual support, and effect change in the campus community. Students apply for Crew before the start of their first year on Drake's campus, and students who are admitted participate with the same cohort of peers throughout their time at Drake. Visit the [Crew Scholars](https://www.drake.edu/crewscholarsprogram/) web site (<https://www.drake.edu/crewscholarsprogram/>) for more information.

## Engaged Citizen Corps

Drake University's Engaged Citizen Corps is an intentionally designed curriculum and service-learning internship experience for entering first year students that exposes members to issues of social justice while providing them hands on experience to impact the Des Moines community. Members dedicate themselves not only to weekly service-learning hours with a non-profit in the community but to making connections between their community experiences and academic pursuits. The service is directly integrated into the assignments and activities of three courses plus a year-long seminar (11 credits total) and still allows students the opportunity to take other courses toward the pursuit of their major. Service sites represent agencies working across multiple areas of economic and community development for example affordable housing, transportation and bike-ability, health and safety, business cultivation, and arts and culture. Visit the [Engaged Citizen Corps web site](http://www.drake.edu/community/learningservice/programs/engagedcitizencorps) ([www.drake.edu/community/learningservice/programs/engagedcitizencorps](http://www.drake.edu/community/learningservice/programs/engagedcitizencorps)) for details.

## Religious Life

Protestant, Catholic, Jewish and Muslim faiths, as well as interdenominational and nondenominational organizations are part of the religious worshipping community. Regular worship and a wide variety of programs are available to the campus community.

## Recreational Services

Drake students, faculty, and staff are offered a wide variety of recreation opportunities. The Bell Center features a fitness room with cardio and strength equipment, swimming pool, and basketball, volleyball, and badminton courts. Locker room facilities are available, and equipment is free to use for all sports and activities. Underground Fitness is located in Olmsted and is a student-only fitness facility with a full range of cardio machines, free weights, and circuit training. The Knapp Center is an athletics and recreation center, and it includes basketball, volleyball, racquetball courts, and a 200 meter track. The Roger Knapp Tennis Center features six indoor and six outdoor tennis courts.

Recreational Services provides a multitude of programs and services as well. More than 20 intramural sports are offered at competitive and recreational levels. Sport Clubs are recreational or competitive. The Group Exercise program offers a variety of classes. All classes are held in the Bell Center, and all equipment is provided. The Wellness program offers individualized plans and sponsors events and activities to enhance students' well-being. Services provided include a wellness library, body compositions and fitness assessments. Students also can sign up for the Personal Training program for a small fee.

## Student Government

Students play an active role in academic planning and campus governance through the Student Senate and student representation on most committees of the Faculty Senate. Students become members of the senate

through election by the student body. Students are selected for the Student Activities Board, which plans a variety of cultural, educational and social programs, volunteer opportunities and special events, such as Dogtown After Hours and the Drake Relays. Students are members of most committees in each of Drake's colleges and schools. Students are also elected to governing positions in each of the student residences.

## Student Conduct

Students attending the University are responsible for their conduct both on and off campus. It is expected that all students are at the University for serious educational pursuits and that they will conduct themselves accordingly.

In all cases involving violations of University regulations, appropriate hearing and appeal procedures are available. The Code of Student Conduct is available in the Drake University Student Handbook.

## Student Services Center

The Drake Student Services Center is designed to provide assistance with common campus needs, including:

- Drake ID card printing and card access troubleshooting
- Bulldog Bucks deposits (also available on myDrake)
- Parking permit registration (also available on myDrake)
- Parking ticket payments
- Student employment paperwork and payroll check distribution
- Office and lab key distribution
- International student ID card purchasing (ISIC)

If you have questions or need any additional information about these services, visit [Student Services Center web site \(www.drake.edu/studentservices\)](http://www.drake.edu/studentservices) or contact them at [studentservices@drake.edu](mailto:studentservices@drake.edu). You can also visit the office in lower level Carnegie Hall (east ramp entrance) or call at 515-271-2000.

[Student Services Center web site \(www.drake.edu/studentservices\)](http://www.drake.edu/studentservices)

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## Cowles Library

[Cowles Library \(https://library.drake.edu/\)](https://library.drake.edu/) is the main library of Drake University. The Library provides extensive print and electronic resources used in class assignments and research. Faculty librarians and Library staff work with researchers and students at every stage of the research process and provide instruction in cutting-edge research methods. Librarians teach several First Year Experience and J-Term classes and also offer specialized courses which focus on effective research, information literacy and critical thinking skills.

Cowles Library is the largest private college academic library in Iowa. Print resources include more than half a million books, government documents and scholarly journals. A rapidly growing e-book collection of more than 320,000 volumes is available. The Library provides an extensive collection of online resources including more than 250 electronic databases, covering the entire range of subjects and academic disciplines at Drake. The high quality and broad scope of the Library's electronic resources is a distinguishing feature of the Drake learning experience. Cowles was the first library in Iowa to offer an online service (called SuperSearch)



that accesses multiple databases in a single search. The Library provides access to Web of Science and other resources that are generally accessible only to major research universities.

The Library provides interlibrary loan services to Drake students (without charge) that link Drake to a global network of libraries. Cowles Library is a member of the resource sharing Central Iowa Academic Library Cooperative, and a founding member of the Central Iowa Collaborative Collections Initiative (CI-CCI) which provides enhanced sharing of collections among six academic libraries. These relationships allow students to rapidly obtain resources they need not found in the core Library collection. Through the Cowles Library catalog, students can easily request a book from the University of Iowa or Iowa State University, and expect it to be delivered within two days.

Students can obtain assistance in person, chat or even by text message through our popular "[Ask a Librarian](https://libraryhelp.drake.edu)" (<https://libraryhelp.drake.edu>) service. The Library supports mobile device access and off-campus access for our electronic databases, e-books, and interlibrary loan. Students can also get full access to the New York Times and the Wall Street Journal using their Drake credentials. Subject and class-specific research guides, compiled by Librarians and Drake faculty, are found in the [Research Guides \(https://researchguides.drake.edu\)](https://researchguides.drake.edu).

The Library provides high-quality study spaces that include quiet study areas, study rooms, group study space, computer collaboration equipment, whiteboards and a popular campus cafe. An [After-Hours \(https://library.drake.edu/about-us/after-hours-study/\)](https://library.drake.edu/about-us/after-hours-study/) portion of the Library is open for study when the Library itself is closed. The Library has the largest general-purpose computer lab on campus, with 50 Mac and Windows computers. The Speaking Studio, built in 2014, allows students to practice and record presentations and speeches. The Library collaborates with other departments to provide direct academic support through the [Writing Workshop \(https://library.drake.edu/writing-workshop\)](https://library.drake.edu/writing-workshop), the [Speaking Center \(https://library.drake.edu/get-help/services-for-students/speaking/\)](https://library.drake.edu/get-help/services-for-students/speaking/), and with [Academic Achievement \(www.drake.edu/acadassist/tutoringpeerassistance/\)](http://www.drake.edu/acadassist/tutoringpeerassistance/) to support tutoring in courses such as Accounting, Biology, Chemistry, and Psychology, as well as assistance with time management and study skills.

Many campus groups and organizations meet in the Library and a wide variety of cultural events and speakers are supported throughout the academic year.

University Archives and Special Collections provides the opportunity for students and researchers to engage in primary research in topics related to government, law, politics, and allied cultural concerns through several notable collections including the [Political Papers Collection \(https://collections.library.drake.edu/political-papers-collection\)](https://collections.library.drake.edu/political-papers-collection) and the Iowa Caucus Collection. This unit also provides internships and student work experiences related to museum and archival practice and the opportunity to work on digitization and digital projects.

[Cowles Library web site \(https://library.drake.edu/\)](https://library.drake.edu/)

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#### Information Technology Services

Drake Technology Services (ITS) supports the innovative use of technology to enhance the experience for faculty, students, and staff in support of Drake's mission.

## Electronic Resources

All students are provided with a Drake account that gives them access to a variety of technology services including email, printing, the myDrake campus portal, our online learning management system, password management, and file storage.

## Technology Support

The Support Center provides in-person or phone assistance with passwords, software, computer, network, and general technology problems. The Support Center can be reached at 515-271-3001 and is located in the lower level of Carnegie Hall (directly west of Old Main). Online technology resources and issue reporting are also available via the IT Service Portal at [service.drake.edu/its](http://service.drake.edu/its).

[Information Technology Services web site \(www.drake.edu/its\)](http://www.drake.edu/its)

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## Academic Achievement

Students looking for ways to enhance their academic success (improving reading comprehension, studying efficiently and time management) are encouraged to contact the Academic Achievement Coordinator. One-on-one consultations are available by appointment only. Students are encouraged to utilize the various resources (tutoring labs, supplemental instruction, writing workshop) offered. Whether full- or part-time, undergraduate or graduate student, you can experience academic success if you: (1) go to every class (2) go to every class prepared (3) initiate and maintain contact with faculty and (4) take advantage of the academic resources offered by the academic departments.

In addition, the Office of the Provost at Drake University sponsors the Peer Mentor/Academic Consultant (PMAC) program (including Welcome Weekend) under the direction and supervision of the Associate Provost for Academic Excellence and Student Success. PMACs are not course-specific tutors; they are generalists who focus on issues that are applicable to student success regardless of a students' college, school or major.

Having a better understanding of what to expect inside and outside the classroom, becoming more aware of resources available on and off campus, and being able to make "informed" decisions are the objectives of semester-long interactions with the PMACs. Programming focuses on:

- Goal-setting and decision-making
- Time management
- Studying efficiently
- Questioning strategies
- Approaching faculty
- On- and off-campus resources (to address academic, personal and social issues)
- Transitional adjustments and involvement inside as well as outside the classroom

Transfer students come to Drake with experience from another institution and are offered an orientation session in either the fall or spring semester, called the New Student Program. The New Student Program is tailored to transfer and nontraditional students' needs and is enhanced by Peer Mentors. Peer Mentors are students who also transferred to Drake from another institution and serve as a student resource for the university. If you are interested in assisting with transfer student programs or have questions, please email [orientation@drake.edu](mailto:orientation@drake.edu).

## Professional and Career Development Services

Drake's Professional and Career Development Services, (P.C.D.S.), focuses on professional career development rather than job placement. This focus is a perfect fit for higher education due to its emphasis on learning a process. Career development, at its best, begins your first year and builds with each internship, research study, service project or part-time job. Ultimately, this process culminates in you seeking out and landing a job. Professional and Career Development Services offers comprehensive services for students both in and outside the classroom.

### Career Exploration

P.C.D.S. has many tools to assist you with career exploration at any point in your academic career. Career assessments are used to gather information to make career suggestions based on your interests, skills and values. Counseling is available to explore the careers that are possible within your intended major.

### Internship and Career Fairs

P.C.D.S. hosts an All-University Career Fair each spring. Representatives from many businesses and graduate schools attend to talk with students. In addition, targeted fairs are held for students pursuing pharmacy, actuarial science and accounting/finance.

### Job Search Strategies

P.C.D.S. will provide the following services to you at any point in your academic career:

#### *Networking*

*Handshake (Drake's online job posting board)*

*Internship and Shadowing Experience*

*Resume/Cover Letter Development*

*Mock Interviews*

*Core Power Skills Development*

### Graduate/Professional School

Deciding to attend graduate school requires self-assessment. P.C.D.S. will guide you through researching your program of choice at several different schools. P.C.D.S. will also assist with applications, references, personal statement development, and mock interviews.

[Professional and Career Development Services web site \(www.drake.edu/career/\)](http://www.drake.edu/career/)

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## Student Disability Services

Student Disability Services assists students with disabilities in identifying and requesting necessary accommodations. Staff members work with students with all types of disabilities, including but not limited to learning disabilities; attention deficit disorder; mobility restrictions; mental health; visual, hearing, physical and

psychological disabilities. Disability services include assessment of learning and support needs; classroom and test accommodation assistance; campus accessibility consultation; and support for faculty and staff.

[Student Disability Services web site \(www.drake.edu/disabilityservices\)](http://www.drake.edu/disabilityservices)

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## Drake International

Drake International helps provide an exceptional learning environment and prepares students for responsible global citizenship by:

- Coordinating study-abroad opportunities for students seeking Drake degrees,
- Facilitating the success and involvement of international students on campus and in the community
- Developing familiarity with U.S. culture and English language proficiency for nonnative speakers.

## Study Abroad

Drake's offers study abroad opportunities in more than 60 countries. Options range from an intensive three-week international study seminar taught by a Drake faculty member to a full year of direct enrollment in a foreign university. Many options include internships, language immersion, service projects or independent research, and housing options range from hotels and hostels, to residence halls, apartments, or home hosting with local families.

While all credits taken on Drake-affiliated programs may be applied to a Drake degree, students must work closely with their advisers to ensure that courses taken abroad will meet specific degree requirements. Early planning is recommended because many students discover that the sophomore year is the easiest time to study abroad.

Grade point requirements for study abroad vary by program. Students with stronger grades have a wider range of opportunities, including programs at prestigious universities such as Oxford, the Sorbonne, or University of Sydney.

Fluency in a foreign language is not required to study abroad, but does broaden a student's options. In countries where the official language is not English, students often report that richer experiences with local people when they attempt to use the local language.

The cost of a program abroad varies widely, but most students are able to find a program that fits their financial requirements. Financial aid is available for Drake-affiliated programs, and need-based scholarships are available for students who choose programs with internships, service projects or other types of experiential learning.

Drake also offers a unique Teach in China program that arranges for recent graduates to teach English abroad.

## International Student Services

Drake hosts approximately 300 international students and scholars from more than 50 countries. To facilitate their success, the Center for International Programs and Services provides:

- pre-arrival information.
- volunteers to greet new students at the airport

- orientation tailored to the needs of international students
- advising and workshops regarding immigration regulations and employment issues.
- programs and peer advisers to promote adjustment to life in the United States, Des Moines and at Drake.
- activities of the International Students Association.
- monthly electronic newsletters to students.
- economical, mandatory group health insurance.
- a host family program (not live-in) coordinated by community volunteers.
- opportunities for international students to share their cultures with local schools and community groups.

#### Intensive English Program (English as a Second Language)

This program offers intermediate and advanced-level English language study, focusing on proficiency for academic purposes and orientation to U.S. culture. Courses are designed primarily for students seeking full enrollment in Drake's undergraduate and graduate degree programs, although individuals also enroll to satisfy personal and business goals.

Drake's IEP prides itself on flexibility, high quality and personalized attention to students' needs. Small classes of up to 15 students are taught by faculty members dedicated to the student's total experience in the United States. Full-time students spend approximately 18 hours per week in classroom study that involves reading, writing, speaking, listening, pronunciation, grammar and vocabulary.

To benefit from Drake's IEP, students should have completed beginning-level English study and have the equivalent of a U.S. secondary school diploma. IEP admission may be granted with or without admission to a Drake degree program.

[Drake International web site \(www.drake.edu/international\)](http://www.drake.edu/international)

## Academic Information

### The Drake Curriculum

The purpose of the Drake Curriculum is to provide students with a meaningful liberal education. Drake students will gain the breadth of knowledge and skills necessary to successfully function in a complex and rapidly changing world. The Drake Curriculum helps to prepare students for meaningful personal lives, professional accomplishments and responsible global citizenship. The Drake Curriculum consists of three components: a First Year Seminar, a set of Areas of Inquiry (A.O.I.) requirements, and a Senior Capstone. Students are required to complete all three. An optional Honors Program Track is available as an alternative to the Areas of Inquiry requirements. Additional information can be found on the [Drake Curriculum \(www.drake.edu/dc\)](http://www.drake.edu/dc) web site.

#### First Year Seminars

All Drake students entering directly from high school or transferring with fewer than 30 hours of college credit must complete a First Year Seminar during their first year of enrollment. First Year Seminars are student-centered learning experiences that involve critical thinking, both written and oral communication skills, and an introduction to information literacy. Through a topical focus, they foster understanding of methods of analysis

and creativity. A student should normally take their First Year Seminar in the fall term when seminars on a wide variety of topics are offered. Students transferring to Drake at mid-year and those who failed or dropped their fall term First Year Seminar should enroll in the First Year Seminar available in the spring term.

### Areas of Inquiry

The Areas of Inquiry (A.O.I.) requirements are designed to provide students with a solid introduction to a variety of intellectual fields and a diversity of learning experiences. Students are required to take one course in each A.O.I. listed below, with the exceptions of the historical foundations and scientific literacy areas where two courses each are required. In the science area, one course must be on the physical sciences list and the other course must be on the life and behavioral sciences list. One of the two science courses must carry a one-credit lab. Descriptions of each A.O.I. are available on the [Drake Curriculum \(www.drake.edu/dc\)](http://www.drake.edu/dc) web site.

- Artistic Experience
- Critical Thinking
- The Engaged Citizen
- Historical Foundations
- Information Literacy
- Global and Cultural Understanding
- Scientific Literacy
  - Life/Behavioral Science
  - Physical Science
- Quantitative Literacy
- Values and Ethics
- Written Communication

Students select courses for each A.O.I. from approved course lists. Selections should be made in consultation with the student's academic adviser. With specific exceptions, students and advisers must choose from the approved lists in fulfilling area requirements. The exceptions to this rule involve honors courses, independent study courses, special topics courses, study-abroad courses and transfer courses. Students may apply courses of these types to an appropriate A.O.I. requirement with the approval of their adviser. It is mandatory, however, that courses falling into one of these categories must centrally address the goals and expectations of the relevant A.O.I. (as specified in the Area description) before they can be approved as fulfilling the area requirement. First Year Seminars may not be counted toward the A.O.I. requirements. Also, a single course can count for no more than one A.O.I. In cases where a given course is listed under two or more areas, the course may be counted toward only one of those areas. Approved course lists for each A.O.I. are available on the [Drake Curriculum \(www.drake.edu/dc\)](http://www.drake.edu/dc) web site.

### Honors Program Track

As an alternative to the Areas of Inquiry requirements, students may fulfill the Drake Curriculum by completing the requirements of the Honors Program Track. Students pursuing the Honors Program Track still must take a First Year Seminar and a Senior Capstone. Students who later decide to drop the Honors Program Track must complete the A.O.I. requirements. (Honors courses already taken may be counted toward appropriate Areas of Inquiry with adviser approval.) Students should consult with their academic adviser before switching to the Honors Program Track.

The Honors Program Track requirements include:

- One laboratory science course from A.O.I. lists for Scientific Literacy, either physical or life sciences.
- One course from A.O.I. list for Quantitative Literacy Area.
- One course from A.O.I. list for Artistic Experience Area.
- HONR 100 - Paths to Knowledge (4-credit course).
- 15 additional credits in the Honors Program.

Completion of the Honors Program Track in the Drake Curriculum is not sufficient to fulfill the requirements of the Honors Program for the designation of "University Honors" on a student's official transcript. To complete the Honors Program, students must complete the Honors Program Track plus the following: successfully complete an Honors Program Senior Thesis/Project and maintain an overall cumulative 3.2 GPA. More information about the Honors Program can be found on the [Honors Program \(www.drake.edu/honors\)](http://www.drake.edu/honors) web site.

### Senior Capstone Experiences

Each Drake University student must complete at least one Senior Capstone experience. Capstone experiences allow each student to demonstrate the capacity to bring information, skills and ideas acquired from the major and the Drake Curriculum to bear on one significant project. Capstone options are designed by individual departments and interdisciplinary programs. Capstones may take many different forms, including seminars, internships, practicums, field work, independent research and other options. Students who are earning double majors are required to meet the capstone requirement of each major. The same capstone may, however, satisfy requirements in more than one major with approval of both departments or programs.

## Special Programs

### The Honors Program Program Overview

The unique Honors Program at Drake University offers undergraduate and Pharmacy students discussion-based, reading- and writing-intensive courses on interdisciplinary and ever-changing topical issues. It is designed for motivated students who want to actively participate in challenging seminar courses.

Students at Drake University may use the Honors Track as a way to fulfill their general education requirements. Instead of taking Areas of Inquiry (AOI) coursework, students can take six Honors courses as an alternative to AOIs. The one-hour Honors Practicum, while not counting towards the Honors Track, is a good introduction to the Honors Program goals and vision.

### Program Options

#### *Honors Track*

<b>Requirement</b>	<b>Credits</b>
One Quantitative Literacy AOI course	3
One Artistic Experience AOI course	3
One Physical or Life Science AOI course	4
HONR 100 - Paths to Knowledge	4
15 additional HONR electives	15
<b>Total</b>	<b>29</b>



## *University Honors*

Students may earn the "University Honors" distinction on their Drake transcript and diploma by meeting the following requirements:

- Complete the Honors Track
- Earn a "B" or better in an Honors Senior Thesis capstone project
- Graduate with a minimum 3.2 cumulative GPA

### Other Requirements

- No more than two Honors or Honors cross-listed courses from the same department or school may count toward the five Honors elective courses.
- No more than two study-away experiences (3 credit hours each) may count towards the Honors Track.
- A student may apply only one summer web course (cross-listed with Honors) toward Honors Track requirements.
- Courses satisfying the required Areas of Inquiry (AOIs) for Artistic Literacy, Quantitative Literacy, and Life/Physical Lab Science also meet the required Honors Track AOIs. Post-secondary degree options (college credit, AP and IB approved courses) also may meet these requirements.

### [Honors Program web site \(www.drake.edu/honors\)](http://www.drake.edu/honors)

#### Cross-Enrollment

##### Program Overview

The cross-enrollment allows full-time students from one participating institution to enroll in one course from another participating institution without having to pay the host institution's tuition. Guidelines were originally adopted by the Des Moines Area Consortium for Higher Education (DMACHE) in 1975 and amended in 1992, 2003, and 2009 to reflect changes in the cross-enrollment program. The agreement has received approval of the presidents of the three DMACHE institutions: Des Moines Area Community College (DMACC), Drake University, and Grand View University.

##### Regulations

- The DMACHE cross-enrollment program is available only for the fall and spring semesters.
- Only full-time undergraduate students enrolled at one of the three Consortium institutions will be allowed to participate. Full-time status will be determined by the home institution.
- A maximum of 75 students from each home institution will be allowed to enroll at each host institution during each semester.
- Participating students will be allowed to take only one course under the program at only one of the other two institutions.
- Students must establish their eligibility to participate in the program through the registrar's office at their home institution.
- Students wishing to cross-enroll may not register as a regular student and then later request to be switched over to be considered a cross-enrolled student.
- Cross-enrolled students must abide by the start and end dates, policies, and procedures set by the host institution.
- Each institution will determine which classes will be available for cross-enrollment. A list of [excluded courses \(www.drake.edu/registrar/cross-enrollment/dmacc/dmaccoursesexcludefromcross-enrollment/\)](http://www.drake.edu/registrar/cross-enrollment/dmacc/dmaccoursesexcludefromcross-enrollment/) will be available in each institution's registrar's office and on their cross-enrollment web pages.



- Each home institution will verify students' eligibility on a tuition waiver form. The waiver must be delivered to the host institution where the registration process will be completed.
- Students participating in the cross-enrollment program will obtain approval for course enrollment and prerequisites using appropriate procedures of their home institutions.
- No change to cross-enrollment (other than drops) may occur later than five business days prior to the start of the semester at the host institution.
- There will be no tuition charges. The students will be allowed to take the course based on the full-time tuition they paid at their home institution. However, the student is responsible for fees associated with the course.
- Grades will be assigned according to the host institution's grading policies.
- Each host institution will generate an academic transcript of each participant and will automatically send the transcript to the home institution at the end of each term.
- Credits will be transferred back to the home institution and may be applicable toward the student's program of study. Advisors should consult with the appropriate registrar or departmental representative if transferability is questionable.
- This cross-enrollment agreement will be reviewed and renewed/revised no later than December 31 of each year for the coming academic year by the registrars of the participating institutions.

[Cross-Enrollment web site \(www.drake.edu/registrar/cross-enrollment\)](http://www.drake.edu/registrar/cross-enrollment)

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## Global Ambassador Certificate Program Program Overview

Offered through the Drake University Center for Global Citizenship (CGC), the Global Ambassador Program is a certificate program designed to complement a student's central program of academic study. Students who complete the program will receive a certificate and a notation on their university transcript. Undergraduate students from any school or college are eligible to apply. The purposes of the Global Ambassador Program are to:

1. provide students with a combination of concentrated study, personal experience and reflection that will inform their understanding of global issues and perspectives,
2. provide students with the intercultural skills that will allow them to make the most of future international opportunities in business, the professions or public service.

## Requirements

To qualify for a Global Ambassador certificate, a student must complete the following requirements:

- **Take WLC 148 Intercultural Communication.** An equivalent course from study abroad may be substituted.
- **Complete two semesters of language study** through World Languages and Cultures or an equivalent amount of training through study abroad or college transfer credits. Pre-college training (e.g. high school) in a second language other than English may not be substituted for this requirement.
- **Complete any credit-bearing study abroad experience.** This may include semester- or year-long programs, summer international study seminars or an internship experience abroad that has been accepted for Drake credit.
- **A minimum of 50 work hours (not credit hours) of service learning.** This requirement will most often be met by volunteering for a local community group or organization that has an international

focus. The center director will make available a pre-approved list of such organizations. Students may also propose their own volunteer or internship experience. These may include experiences in other cities or countries (internship or volunteer experiences connected to study abroad may also count).

- **Regular attendance** at CGC-sponsored events, other internationally oriented events on campus or in the community and regular participation in the activities of the Global Ambassador Program. Students must attend at least four events each semester that they are enrolled as a Global Ambassador.
- **Global Ambassador Capstone Experience (2 credits)** As a culmination of the Global Ambassador Program, students will participate in a group learning experience that is designed to put the concept of global citizenship into practice by educating the campus and/or community about a global issue or a cultural perspective. The capstone should be completed in a student's senior year. Students will register for the capstone as independent study credit (2 credits). As an alternative to the group project, students may fulfill the senior capstone requirement by taking (when available) one of the following courses: SCSS 173 Global Citizenship; POLS 123 Grassroots Globalism.

## Application Process

Students must apply for the Global Ambassadors Program. Applicants must have a minimum GPA of 3.0. The number of students accepted will vary depending on availability of staff and instructional resources.

Applications may be downloaded from the Center for Global Citizenship website. Completed application forms should be submitted to the CGC director.

[The Principal Financial Group Center for Global Citizenship web site \(www.drake.edu/cgc/\)](http://www.drake.edu/cgc/)

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## The Washington Semester

12-15 credits

An intensive semester-long experience in Washington, D.C. with American University's [Washington Semester Program \(www.american.edu/spexs/washingtonsemester/index.cfm/\)](http://www.american.edu/spexs/washingtonsemester/index.cfm/). All students participate in one of 12 unique topical seminars, complete a part-time internship, and engage in an academic experience (either a course at American University or an independent research paper). Some seminars include travel abroad for 2-3 weeks. To attend the Washington Semester, students must consult with Drake's Faculty Representative, Rachel Paine Caufield, and must gain admittance to the program. Instructor permission required.

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## The Washington Center

12 credits

An intensive semester-long experience in Washington, D.C. with the Washington Center ( [www.twc.edu](http://www.twc.edu) ). All students complete an internship (30-35 hours/week), take one chosen academic course (one night/week), and complete the program's Leadership Seminar (4-5 hours/week). To attend the Washington Center, students must consult with Drake's Faculty Representative and gain admittance to the program. Instructor permission required.

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## Air Force Reserve Officer's Training Corps

Air Force ROTC courses are taught on the Iowa State University campus in Ames, Iowa, 30 miles north of Des Moines. Students must arrange their own transport to Ames if required. Classes are held one day each week, during the first two years of the program and two days per week for the last two years of the program. Upon request, Air Force ROTC classes may be taught using standard distance-learning technology. In addition a two-hour leadership laboratory is required once a week. Students take the courses as Drake courses, and no additional tuition fees are assessed for full-time students.

The Air Force ROTC curriculum is divided into two basic phases: The General Military Course (GMC) and the Professional Officer Course (POC). The GMC is introductory and consists of four consecutive one-hour courses normally taken during the freshman and sophomore years. GMC completion is not a prerequisite to entry into the POC, although the department recommends it.

Prior to entry into the POC, all students must complete field training at an Air Force base. Students who have completed the GMC phase participate in a four-week program that provides a concentrated experience in the Air Force environment. The training program includes junior officer training, aircraft and aircrew orientation, survival training, base functions and physical training.

Selection for the professional officer course is on a competitive basis, and cadets enrolling in this course must meet certain academic, mental, physical and moral standards. Qualified cadets may compete for classification as flight candidates and receive flight instruction during their final years in the POC phase. Upon enrollment in the POC, all cadets are required to complete a contractual agreement with the Air Force, which obligates them to four years of active duty in the United States Air Force if in a nonflying category; 10 years of active duty in the United States Air Force if a pilot; or 6 years as a navigator. Uniforms and texts are supplied to the cadets, and those in the POC receive a subsistence allowance from \$450 to \$500 per month. Entry into the program is not dependent on departmental major or year in Drake University.

AFROTC offers a Graduate Law Program, which guarantees duty as a legal officer following successful completion of all law school, AFROTC and bar requirements. Interested students should contact the AFROTC department for more information. Air Force ROTC may be taken in conjunction with nursing programs leading to a bachelor's degree.

Additional information regarding Air Force Officer Education may be obtained from the Air Force Aerospace Studies Department at Iowa State University. Call 515-294-1716 or view the Web site at [www.airforce.iastate.edu/](http://www.airforce.iastate.edu/).

## **Continuing Education and Professional Development**

Continuing Education and Professional Development, located in the School of Education, offers K-12 educators the opportunity to earn Drake University graduate credit through online, video correspondence, and face-to-face courses. Students may use these courses for recertification, salary advancement, or as electives in graduate degree programs (with advisor approval).

See each specific program page to learn more about credit and how it may be applied toward your educational goals.

Programs and Partners

- [Distance Learning Course Offerings \(www.drake.edu/cepd/distance/\)](http://www.drake.edu/cepd/distance/)
- [Coaching and P.E. Courses \(www.drake.edu/cepd/coachingpecourses\)](http://www.drake.edu/cepd/coachingpecourses)
- [Iowa Area Education Agency Courses \(www.drake.edu/cepd/aea\)](http://www.drake.edu/cepd/aea)

## Accreditation

Drake University has been on the approved list of the North Central Association of Colleges and Schools since that association was established in 1913. Since reorganization of the Association in 2000, Drake University is accredited by the Higher Learning Commission and a member of the North Central Association (312-263-0456, [www.ncahlc.org](http://www.ncahlc.org)).

## Contact Information

Drake University School of Education  
 Continuing Education & Professional Development  
 2507 University Ave.  
 203 Howard Hall  
 Des Moines, Iowa 50311-4505

You may call the Drake Continuing Education & Professional Development Office Monday-Friday, 8:00 to 4:00 (Central Time), at 1-800-76-TEACH.

## Graduation Requirements

Candidates qualifying for an undergraduate degree must successfully complete a minimum of 124 credit hours of coursework. The six-year Doctor of Pharmacy Program (Pharm.D.) of the College of Pharmacy and Health Sciences requires 210 credit hours.

Drake University accepts up to 66 credit hours of college-level transfer credit applicable to an associate degree from a regionally accredited community or two-year college as any part of the first 94 credit hours toward a bachelor's degree (except pharmacy; see College of Pharmacy and Health Sciences) ([www.drake.edu/catalog/undergrad/current/cphs](http://www.drake.edu/catalog/undergrad/current/cphs)), subject to the requirements of the individual colleges and schools. Transfer students, regardless of the type of institution from which they transfer, must successfully complete their last 30 hours in residence at Drake University to satisfy degree requirements.

Candidates for undergraduate degrees must successfully complete a minimum of 30 credit hours in residence classes on the Drake campus. All Drake University colleges and schools require the last 30 hours of a degree to be completed in residence. Candidates for the Bachelor of Science in Education (B.S.E.) degree regularly employed as teachers may take some of the last 30 hours in extension classes. However, candidates for the B.S.E. degree must complete their final 15 hours in classes on the Drake campus.

The College of Arts and Sciences, College of Business and Public Administration, and School of Journalism and Mass Communication provide the option of earning two undergraduate majors (a double major) in any one of these colleges/schools. With early and careful planning, a student can complete one of many double majors in one college or school within the 124 credit-hour minimum.

Students may earn a second major outside their college or school. More than 124 credit hours usually are necessary to complete both majors in the two colleges/schools. For more information, consult the associate or assistant dean of the appropriate college or school.

A cumulative grade point average of 2.00 (“C”) is required for all Drake University work attempted for a degree, including major department work, departmental courses, and the combined departmental and related courses. A transfer student must have a cumulative GPA of 2.00 on all work attempted at Drake University.

Candidates for undergraduate degrees must be in good standing with the university as outlined in the university catalog’s academic integrity policy and student code of conduct. The university may withhold awarding a degree otherwise earned until the completion of the outlined academic integrity or code of conduct process, including the completion of all sanctions imposed.

Additional graduation requirements may be found in the individual college/school Web sites. Graduation requirements of the Law School and the School of Education may be obtained by writing to the respective deans.

### Seniors Taking Graduate Work

Seniors in their last two semesters of undergraduate study have the possibility of taking graduate work to round out a partial enrollment that completes all undergraduate requirements. See the Graduate Catalog for further information.

### Second Undergraduate Degree

Undergraduates earning two or more bachelor's degrees concurrently need to successfully complete the requirements for each degree and major. The total credit minimum is 124 (excluding Doctor of Pharmacy degree).

Furthermore, the Drake graduate who returns for a second undergraduate degree must complete requirements for the second major/degree; this student does not need to complete Drake Curriculum general education requirements and has no minimum number of credits required.

A minimum of 30 credits is required for the non-Drake graduate who applies for a second undergraduate degree. The student must meet the Drake Curriculum requirements and requirements for the new degree/major.

## Commencement

Since December 2011, Drake University has held two commencement ceremonies each year; one in December, the other in May.

### Application

Students must file an application for graduation by the deadline set as follows:

- For expected May graduates, graduation applications are due by the preceding February 15
- For expected August graduates, graduation applications are due by the preceding February 15
- For expected December graduates, graduation applications are due by the preceding October 15

The graduation application is used by college or school personnel for degree clearance and preparation of the annual Commencement programs and diploma presentation. It is the student’s first step toward participation in either the May or December Commencement ceremony.

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## Undergraduate Graduation

Once requirements have been fulfilled and verified, the Office of the Registrar will post the degree and mail the diploma with the established graduation date in May, August or December. The student must complete and the college office must verify all requirements within 45 days of graduation to have the degree posted with the applied-for graduation date. Students who meet the requirements for graduation at a later point in time will have an effective graduation date of the established graduation date in the following May, August, or December.

## Graduate, Pharmacy, and Law Graduation

Once graduate, pharmacy, and law students have filed an application for graduation and are certified to meet the requirements of graduation by their respective college/school office, the Office of the Registrar may post the degree dated the 15th of the following month. Pharmacy students cannot graduate prior to the established graduation date in May.

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## Honors at Graduation

Graduating students who have attained academic excellence and high scholastic achievement on the basis of cumulative grade point average (G.P.A.) for 60 or more undergraduate hours at Drake University are recognized in the Commencement program with the following honors:

- Cum Laude: cumulative G.P.A. 3.50-3.69
- Magna Cum Laude: cumulative G.P.A. 3.70-3.89
- Summa Cum Laude: cumulative G.P.A. 3.90-4.00

Students who do not qualify for the above honors but who have attained a 4.00 average in their last 30 credit hours or a 3.80 average or better in their last 60 hours at Drake are graduated Cum Laude. A transfer student who does not complete 60 hours at Drake is graduated Cum Laude if he or she has attained a 4.00 average in the last 30 hours or a 3.80 grade point average or better in the last 45 to 59 hours.

Departmental honors are awarded to a Cum Laude (or higher) graduate who has 18 or more credit hours in his/her major department(s) with a minimum G.P.A. of 3.80.

The appropriate overall honors designation is recorded on the transcript and diploma of an honors graduate. Departmental honors are recorded on the transcript.

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## Academic Dress

Principal features of academic dress are the gown, the cap, and the hood. It became necessary for universities to set rules to preserve the dignity and meaning of academic dress. Since the 15th century, both Cambridge and Oxford have made academic dress a matter of university control, even to its minor details, and have repeatedly published revised regulations. American universities agreed on a standardized system in 1895. The current Drake graduate and undergraduate guidelines with became expanded in 2017. Previous regalia description had been in place with minor changes since 1960.

## Drake Attire

Whereas the Commencement ceremony is a formal affair, academic attire is required. For all Drake University degrees, the black gown is appropriate. The bachelor's gown has pointed, open sleeves with a closed front. The master's gown has closed sleeves with an open or closed front. The doctoral gown has full bell sleeves with wide cuffs. It should be faced down in front with black velvet and three bars of velvet across the upper sleeve.

The cap is a Cambridge-style cap (resembling a large beret) for all doctoral degrees and a square mortarboard (Oxford style) for all other degrees. The cap should be adorned only with a tassel of the discipline color. The gold metallic tassel is appropriate for all doctoral degrees. The hood is worn by candidates for master's degrees and higher. The inside silk lining is the Drake blue with a single white chevron. The outside of the master's or specialist hood is black with velvet trim of the discipline. The outside of the doctoral hood is a wide velvet band in the color of the discipline.

Honor medallions are worn by students graduating with college or university honors. Academic honor cords or pins may be worn if earned from a Drake college- or school-recognized academic organization. Leadership of the particular academic organization will inform the President's Committee on Commencement (P.C.C.) of the academic honor item. The P.C.C. needs to review and approve the items to be worn, which is then subject to approval by the University President.

Registered Student Organizations (R.S.O.) may propose an organizational stole to the Office of Student Inclusion, Involvement, and Leadership (S.I.I.L.). The stole will express cultural expression and identity expression appropriate for the R.S.O. The S.I.I.L. Office will inform the President's Committee on Commencement (P.C.C.) of the requested stole design. The P.C.C. needs to review and approve the stole to be worn, which is then subject to approval by the University President. The R.S.O. must be in good standing with the University at the time of the Commencement Ceremony. The stole design and intent must align with the Mission, Vision, and Non-Discrimination Statement of the University. Students may wear only one stole per ceremony.

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## Commencement Ceremony Participation Eligibility

Any student who has earned a degree and has not participated in a previous Drake Commencement ceremony for that degree is encouraged to participate.

### December Ceremony

Those who expect to complete all degree requirements in December (registered, with appropriate number of hours, adequate G.P.A., and all requirements met).

Those who completed their requirements the previous August, had have degrees awarded, but chose to participate in the December ceremony rather than the previous May.

### May Ceremony

Those who graduated the previous December but did not participate in the December ceremony.

Those who expect to complete all degree requirements (registered with appropriate number of hours, adequate G.P.A. and all requirements met) in either May or August are encouraged to participate in the May ceremony.

### Appeal

If a student desires to participate in a ceremony for which he or she does not meet the eligibility guidelines, the student may appeal to the Provost. The appeal must be in writing with supporting documentation attached 30 days prior to event. The Provost may consult an ad hoc advisory panel of deans and/or Commencement officials prior to making a final decision.

### Appeal Criteria

The following are the criteria for considering ceremony participation on the exception basis for students with a cumulative G.P.A. of 2.0 or higher.

The student must meet one of the following:

1. The student has only the student teaching requirement remaining to be completed during the upcoming semester, OR
2. The student can document a serious hardship associated with participation in the commencement ceremony (i.e. documented illness, religious observance, sports event, etc.) on the day established.

Complete information about commencement is available at the [commencement](http://www.drake.edu/studentrecords/commencement) web site ([www.drake.edu/studentrecords/commencement](http://www.drake.edu/studentrecords/commencement)).

## Commencement Program Eligibility

### December Commencement Program

Names to be included in the December Commencement program are students who will be participating in that event. Students are expected to meet the stated program preparation deadlines to ensure their name is printed. These dates are published at the [commencement](http://www.drake.edu/studentrecords/commencement) web site ([www.drake.edu/studentrecords/commencement](http://www.drake.edu/studentrecords/commencement)) .

### May Commencement Program

Names to be included in the May Commencement program are students who are expected May or August graduates, previous December graduates who did not participate in the December Ceremony, or students who will be participating in that event. Students are expected to meet the stated program preparation deadlines to ensure their name is printed. These dates are published at the [commencement](http://www.drake.edu/studentrecords/commencement) web site ([www.drake.edu/studentrecords/commencement](http://www.drake.edu/studentrecords/commencement)).

# Academic Regulations

## General Regulations

### Credit Hour/Semester Hour

The credit hour or semester hour, terms used interchangeably, is the unit of instruction. One credit hour is constituted by a minimum of one hour of classroom or direct instruction and a minimum of two hours of out-of-class student work each week for a semester (or its equivalent). An equivalent amount of work (minimum three hours per week for a semester or its equivalent of combined direct instruction and out-of-class student work) must be represented for a credit hour in other academic activities such as laboratory work, internships, practica,



studio work and other academic work. A semester is defined as not less than 15 weeks. Courses offered in shorter timeframes must have an equivalent number of hours dedicated to instruction and student work as that spent in a semester-based class.

## Student Classification

A student's classification is based on the student's cumulative earned credit hours.

- First-year student/freshman entering directly from high school — fewer than 30 credit hours
- Sophomore — 30 to 59 credit hours
- Junior — 60 to 89 credit hours
- Senior — 90 credit hours and above

## Class Attendance and Enrollment Validation

Regular class attendance is expected of all students, although the specific attendance policy in each course is determined by the instructor. Information on the attendance policy of each college and school is available in the deans' offices or college/school Web site.

Students are required to validate their enrollment by attending the first class meeting for each course on their schedule. Failure to attend the first class or to make prior arrangements with the professor may result in the student being dropped from that course.

## Grade Point Average and Grade Values

The minimum requirement for the bachelor's degree is a cumulative G.P.A. of 2.00 for all work attempted at Drake University.

Grade points are earned on the following basis:

<b>Grade</b>	<b>Point Value</b>
A+	4.00
A	4.00
A-	3.70
B+	3.30
B	3.00
B-	2.70
C+	2.30
C	2.00
C-	1.70
D+	1.30
D	1.00
D-	1.00
F	0.00
WU	0.00

Other marks not included in grade point calculation:

Grade	Description
CR	Credit given under Credit/No Credit provision
NC	No credit under Credit/No Credit provision
W	Official withdrawal from course
XX	Repeated course
I	Incomplete
IP	Course in progress
AU	Audit
NR	No grade recorded

Transfer college work earns credit only and is not included in computing the Drake University cumulative G.P.A.

The G.P.A. is determined by dividing the number of grade points earned by the number of credit hours attempted. Grades of "F" are computed in the G.P.A., but no credit toward graduation is earned. G.P.A. calculations are rounded to the nearest hundredth.

The mark "I" (Incomplete) indicates a student has not submitted all evidence required for a final grade. The student must make satisfactory arrangements with the instructor to complete the work by the end of the next semester of enrollment (excluding enrollment in summer terms or the January term). The instructor writes out the conditions that must be met to remove the incomplete. As a component of these conditions, the instructor may demand an accelerated deadline (the midterm of the following semester) or may provide an extended deadline if special circumstances warrant (a semester abroad, student teaching, etc.). The instructor will indicate online the final grade for the course in the event the work is not completed. A copy of conditions that must be met to complete the course is also given to the student. Marks of incomplete are changed to a final grade either by the instructor (upon completion of the work) or by the Office of the Registrar (upon attaining the specified due date). Marks of incomplete are not computed in the G.P.A.

The mark of "IP" (In Progress) may be given in certain courses where special conditions make the grade of Incomplete unrepresentative of the status of the students at the close of the semester. The grade of "IP" is appropriate only when the coursework could not be finished during the semester for the entire class (e.g., internships, practicums or courses that do not fit the standard academic calendar; fieldwork or research presentations that may take place after a semester has ended; theses or dissertations; or other special situations where coursework extends beyond one semester). A grade of "IP" must be changed to a final grade by the instructor by the end of the next semester (excluding the summer or January term). The instructor must indicate to the appropriate dean's office in what courses students will be assigned an "IP."

A student may not graduate/earn a degree from Drake University with an "I" (Incomplete) or an "IP" (In Progress) notation on his/her transcript.

The mark of "AU" (Audit) is recorded in place of a letter grade in courses when the instructor and dean have consented to such enrollment. Students who audit classes are not required to take part in discussions or complete examinations. If the attendance requirements are not completed to the satisfaction of the instructor, a permanent record of the enrollment is not retained. Courses taken for audit are charged the same fees as courses completed for academic credit.

Students intending to enroll in a course on an audit basis must indicate this intention at the time of registration. Students wishing to change from a credit to an audit basis during the semester must have the approval of the

instructor, the adviser, and the dean, and must do so no later than the midpoint of the semester or, in the case of a short course, no later than the midpoint of that course.

### Credit / No Credit Option

After achieving sophomore standing, a student may elect to register for a maximum of 12 credit hours of work (of the total 124 credit hours required for the degree) on a credit/no credit basis. Neither the “credit” nor the “no credit” grades are included in the student’s cumulative grade point average (G.P.A.).

The student may elect to take any course in the University as credit/no credit which is open to students who meet the usual standards for admission to the course except a course that satisfies basic requirements, or a primary or related course applying to the major. Not more than seven credit hours may be taken in a semester on this basis. A student receives credit for a course in which the student earns the equivalent of the grade of "C-" or better.

The student must have a minimum cumulative G.P.A. of 2.75 before registering for a course on a credit/no credit basis. A senior with at least a 2.00 cumulative G.P.A. is eligible to take a maximum of two courses in a semester on a credit/no credit basis, provided the adviser has approved the arrangement.

Although the University requires that a student indicate at the time of registration that a specific course is being taken on a credit/no credit basis, some exceptions are made allowing students to change from credit/no credit grading to regular letter grading — or from regular letter grading to credit/no credit grading — until the midpoint of the semester, or, in the case of a short course, no later than one week following the midpoint of that course.

Students should be aware that most law schools and many graduate schools re-compute a student’s G.P.A. in such a way as to count courses graded “no credit” as “F” grades.

Visiting students from other institutions may elect to register for undergraduate courses on a credit/no credit basis.

### Repeating a Course

A student may repeat a course. Only the highest grade and credit hours are used in computing the student’s cumulative G.P.A. Lower grades removed from the computation by a student repeating a course appear on the permanent record marked by a designated symbol. Students cannot remove unsatisfactory grades received at Drake by repeating those courses at other institutions and transferring the credit to Drake.

Students should be aware that most law schools and many graduate schools re-compute a student’s G.P.A. in such a way as to count all grades received and not just the highest grade earned for a course.

### Appeals on Academic Evaluation

The appeal for a change in grade is handled through the college or school in which the course in question is offered. The appeal process for students who question a final grade in a course is to discuss the matter with the instructor; then with the department chair, if the matter is unresolved; and, finally, with the dean of the college or school.

### Academic Integrity

1. Each college/school has an Academic Integrity Policy Committee:
  1. To propose policies for dealing with problems of academic dishonesty including but not limited to plagiarism and cheating, and to ensure that these policies and procedures are consistent with University policies and procedures;
  2. To implement policies and procedures for dealing with academic dishonesty; and
  3. To review appeals from academic evaluations associated with academic dishonesty.
2. Academic dishonesty is an encompassing term involving any activity that seeks to gain credit for work one has not done or to deliberately damage or destroy the work of others. Plagiarism is defined as misrepresenting another's ideas, phrases, discourse or works as one's own. Cheating is defined as the act, or attempted act, of giving or obtaining aid and/or information by illicit means in meeting any academic requirements, including examinations.
3. The composition of the committee is determined by each college/school with consideration given to including both faculty and students.
4. The penalty for academic dishonesty will vary from incident to incident, depending upon the scope and magnitude of the offense and the circumstances in which it occurred; upon the prior record of the person being penalized; and upon evidence suggesting the existence or absence of a pattern of academic dishonesty in the academic performance of the person committing the offense.
  1. If it is determined by the instructor that the student is guilty of academic misconduct, it is the prerogative of the instructor to assign the appropriate penalty in the course.
  2. Included among the possible penalties that may be imposed by the instructor are a reprimand, grade reduction (including assignment of a failing grade), or dismissal from the course with a failing grade. All such actions must be reported by the instructor to the dean of the college/school in which the incident occurred. For information purposes, the dean should report the incident to the dean of the college/school in which the student is enrolled and may forward the case to the Academic Integrity Policy Committee for further action.
  3. The committee may make a recommendation to the dean concerning whether probation, suspension or dismissal from the University should be imposed.
5. Each college/school must have procedures to be used by its committee to address appeals from actions taken as a result of an instructor's determination that a student's performance involved academic dishonesty.

If, after appeal, it is determined that there is insufficient evidence of academic dishonesty, the instructor is bound by that finding and may only evaluate the assignment as to its content or other time-honored bases of academic evaluation.
6. The appeals procedure must include provisions that address the following:
  1. How the appeals process is initiated, and by whom;
  2. A timetable, including the date by which an appeal must be initiated;
  3. Steps to be taken in the appeals process;
  4. The nature of the documentation of evidence required or permitted;
  5. The rules applicable in hearings if a hearing is required.
7. The policies and procedures of the college/school in which the alleged offense occurs are applicable in each instance. In the event that the student is not a member of the college/school in which the alleged offense occurs, the dean of that college/school must report the offense and its disposition to the dean of the student's college/school for further action, if appropriate. If a recommendation is made for probation, suspension or dismissal from the University, this recommendation must be forwarded for final action to the dean of the college/school in which the student is enrolled. A copy of the recommendation and subsequent action by the dean of the student's college/school must be sent to the provost.
8. College/school policies and procedures must be consistent with University policies and procedures. In the event of inconsistencies, University policies and procedures shall prevail.

**Suggested Hearing Guidelines:** These are suggested guidelines that may be refined in each instance, if the college/school desires, in consultation with the legal counsel of the University.

- The hearing shall be informal, and formal rules of evidence need not apply.
- The hearing shall be private; it shall be attended only by the members of the committee, the student and the instructor; there may be advisers for the committee, the student and the instructor, and when called, witnesses for the parties. However, a party's adviser may not serve as a witness.
- At the request of either party or the committee, the proceedings shall be tape-recorded. A written transcript shall not be required.
- The hearing shall begin with the presentation of an opening statement by the instructor, summarizing concisely the basis of the actions taken or the practices at issue.
- The student shall then present an opening statement, summarizing concisely the basis for the appeal.
- The instructor may then support his/her presentation by the testimony of witnesses and by other evidence. The student and the committee may question the instructor and the witnesses; the student's adviser or counsel may not question the instructor or the witnesses.
- The student may support his/her presentation by the testimony of witnesses or other evidence. The instructor and the committee may question the student and the witnesses; the instructor's adviser or counsel may not question the student or the witnesses.
- At the close of the evidence presented by the student, the instructor shall be given the opportunity to introduce rebuttal testimony, which must be limited to any matters that have been raised in the testimony presented by or in behalf of the student.
- After all evidence has been presented, the instructor may make a final argument, after which the student may make a final argument.

**Examples of Academic Dishonesty:** Examples of academic dishonesty include, but are not limited to:

- Copying from another student's paper, laboratory report or other report or computer files and listings;
- Using, during a test or laboratory experiment, material and/or devices not authorized by the person in charge of the test;
- Without the instructor's permission, collaborating with another, knowingly assisting another or knowingly receiving the assistance of another in writing an examination or in satisfying any other course requirements;
- Incorporating into written assignments materials written by others without giving them credit, or otherwise improperly using information written by others (including that which might be stored on computer disks or other technological devices); buying and submitting commercially prepared papers as one's own;
- Submission of multiple copies of the same or similar papers without prior approval of the several instructors involved;
- Claiming as one's own work that which was done by tutors or others with no mention of credit to or the assistance of those persons;
- Deliberately damaging or destroying another's laboratory experiments, computer work or studio work;
- Knowingly obtaining access to, using, buying, selling, stealing, transporting or soliciting in its entirety or in part, the contents of a test or other assignment unauthorized for release;
- Substituting for another student, or permitting another student to substitute for oneself, to take a test or other assignment or to make a presentation;
- Intentional and unauthorized falsification or invention of any information or citation in an academic exercise;
- Forgery, alterations or misuse of University documents;
- Falsifying information submitted or failure to reveal relevant information in any University application form or offering any false information in any University disciplinary proceeding.

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## Withholding Transcripts

End-of-term grade reports are not withheld from students because of financial indebtedness. However, “holds” are placed on the release of permanent records (transcripts). Transcripts will not be released by the Office of the Registrar until satisfactory arrangements have been made by the student with the office that has placed the hold on the record. A student is promptly notified by the Office of the Registrar if there is any reason why that office cannot comply with the request to release his/her transcript. The student should resolve this matter by contacting the appropriate office(s).

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## Curricula Modification

Modifications of the required curricula may be made only on the recommendation of the student’s adviser and the dean of the college or school. Reasons for such modification include: (a) transferring from another college or university; (b) bypassing of basic courses by scoring satisfactorily on special examinations.

Credit is given only for courses in which the student has been regularly enrolled or for courses in which the student has scored satisfactorily on special examinations. A student who receives a satisfactory score on a special examination receives credit for the course but does not receive a letter grade.

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## President's List and Dean's List

The President’s List and Dean’s Lists are announced after each fall and spring semester of the academic year. The President’s List includes the names of undergraduate and pharmacy students who have earned a term grade point average (G.P.A.) of 4.00. The Dean’s List includes the names of undergraduate and pharmacy students who have earned a term G.P.A. of 3.50-3.99. Students who belong to the Drake Law School are eligible for the Dean’s List by earning a minimum of nine hours of graded credit and achieving a minimum 3.0 term G.P.A. The Drake Law School does not have a President’s List.

To be eligible for the President’s or Dean’s Lists, undergraduate and pharmacy students must have earned a minimum of 12 credits, six of which must be standard letter grades. Students with grades of NC, NR, I, or IP are not eligible for the President’s or Dean’s List. Coursework completed during the summer semester or January term is not considered.

Part-time students will be evaluated at the end of each spring semester. To be eligible, part-time students must have been enrolled part-time for the spring and immediately-preceding fall semester, and evaluation will be based on all coursework completed during those semesters. Students who are expected to graduate at the end of a fall semester and who were enrolled part-time for both the fall semester of their expected graduation and the immediately-preceding spring semester will be considered for President’s and Dean’s List eligibility. Evaluation will be based on coursework completed during those semesters. The remaining eligibility criteria is the same as for full-time students as described in the previous paragraph.

Students who, in a fall or spring semester, earn credit at a level (i.e., undergraduate, graduate, or pharmacy) outside of their primary program, such as an undergraduate who earns graduate credit for a course, must meet the same President’s List and Dean’s List eligibility criteria as outlined in the previous two paragraphs.

Evaluation will be based on all coursework completed during the period of eligibility, regardless of the level of the courses.

All grades earned in a semester or, for part-time students, over the course of the two semesters under consideration, are used in determining President's or Dean's List status. In the case of an 'XX' notation, the original grade earned that semester will be used in the determination.

## **Academic Probation and Suspension**

### Policy

In this policy, the word "student" means an undergraduate student. The term "academic year" means any period of 12 consecutive months embracing two regular semesters, a summer term, and a January term. The "cumulative G.P.A." refers only to credits taken at Drake University. The provisions of Drake University's probation and suspension policy are grounded in the philosophy that any student enrolled at the University should:

1. maintain a level of grade performance that demonstrates that he/she can reasonably expect to attain the 2.00 cumulative grade point average (G.P.A.) necessary for graduation;
2. progress at a rate that permits graduation within five years of full-time enrollment or within six years for pharmacy undergraduates.

### Procedure

Files of students subject to probation and suspension are reviewed immediately after final grades are recorded. Between the fall and spring semesters, when time is of the essence, assistant/associate deans may gather information before grades are processed by the Office of the Registrar and begin a preliminary review.

Suspension decisions are made by the associate/assistant dean of each college and school. Before the final decision is made, input from various sources, including the student, adviser, professors and other relevant sources may be obtained. Students are suspended from the college/school and the University.

It is the college/school practice to mail suspension letters within five working days after grades are due from faculty. Suspended students are notified by certified mail, return receipt requested. A copy of the probation and suspension rules is attached to the letter or a reference to those rules is made in the letter.

### Probation

1. A student shall be placed on University probation if, at the end of any fall or spring semester, he/she:
  1. has a cumulative grade point average (G.P.A.) less than 2.00 after enrolling as a full-time student at the beginning of the semester; or
  2. in the first year of full-time enrollment fails to complete 20 credit hours of coursework, or in a subsequent year of full-time enrollment fails to complete 26 credit hours of coursework;
  3. has a cumulative G.P.A. less than 2.00 after attempting a total of 10 hours or more as a part-time student. Individual colleges and schools of the University may establish additional requirements for maintaining "good standing." Such requirements, when they exist, are outlined in the relevant college/school sections of the catalog.
2. A full-time student shall be continued on probation for one additional semester if he/she:

1. has a cumulative G.P.A. less than 2.00 but at or above 1.50 after one semester on probation, and/or
2. has failed to meet, but is making satisfactory progress toward, the credit hour requirements specified in Section 1b.
3. A student shall be removed from probation if he/she:
  1. has a cumulative G.P.A. of 2.00, and
  2. is a full-time student and has met the credit hour progress requirement specified in Section 1b.
4. Any person who is currently paying tuition for a student may receive notification when that student is placed on probation and may receive copies of all successive communications related to the academic standing of the student until such time as probationary status is removed.

#### Suspension

A student shall be suspended from the University for at least one academic year if he/she:

1. is a full-time student and has a cumulative grade point average (G.P.A.) less than 1.00 after the first semester at the University, or
2. is a full-time student and has a cumulative G.P.A. less than 1.50 after one semester on probation, or
3. is a full-time student and has a cumulative G.P.A. less than 2.00 after two consecutive semesters on probation;
4. is a full-time student and, after one academic year on probation, has failed to meet, or after one semester on probation has failed to make satisfactory progress toward, the credit hour progress requirement specified in Probation Section 1b;
5. is a part-time student and has a cumulative G.P.A. less than 2.00 after attempting an additional 10 credit hours after being placed on academic probation.

#### Readmission

1. A student who has been suspended from the University may petition for readmission during the last regular semester of the specified term of suspension to the dean of his/her college or school. The student may not enroll at the University for at least one year from the time of initial suspension or until the term of suspension has expired.
2. A student readmitted after suspension remains on probation until he/she has met the requirements for removal from probation as specified in Probation Section 3 of this policy statement. The student shall be suspended from the University again for at least one academic year if he/she has not met the requirements specified in Probation Section 3 after one year of re-enrollment.

#### Appeals

1. A student may appeal the suspension decision to his/her associate/assistant dean; then to the dean of the appropriate college or school; and finally to the provost of the University. The appeal must be in writing with supporting documentation attached. A personal interview may be granted as well.
2. A student who successfully appeals may be granted the privilege of re-enrollment subject to terms and conditions specified and agreed upon by the student and associate/assistant dean.
3. These statements reflect the policy and practice in each of the undergraduate colleges and schools. A student who may be subject to probation or suspension should contact the appropriate associate/assistant dean for additional information.



## Probation and Intercollegiate and Major Leadership Activities

Any student must have a cumulative grade point average (G.P.A.) of 2.00 or better in order to represent the University in intercollegiate or major leadership activities. Consequently, a student on academic probation may not represent the University in such activities. This includes but is not limited to intercollegiate athletics and mock trial competition, non-credit fine arts performances, elected student government positions, residence life positions and student ambassador or peer mentor positions.

Once a student is removed from academic probation, he/she may again represent the University in intercollegiate and major leadership activities. Student organizations within the University are encouraged to adopt a similar policy for persons in or aspiring to leadership positions in such organizations.

Any student who is on probation or is having academic difficulties that might lead to probation is encouraged to contact the associate or assistant dean of his/her college and/or the Associate Provost for Academic Excellence and Student Success, who will assist the student in obtaining additional academic support services.

## **Class Schedule Modification**

### Adding a Course

Prior to the start of a semester or term through the end of the fifth class day of the semester or term, a student may add a class via the registration tools online. In general, no prior approval is required. After the fifth class day of the semester or term, a student may add a course via an Add Drop form, which can be downloaded from the Office of the Registrar's web site. Approval from the student's dean's office is required to complete the add.

In the case of a short course that begins later in the semester, a student may add the course through the second class meeting.

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### Dropping a Course (Other Than a Complete Withdrawal)

During the drop period, as defined below, a student may drop a class via the registration tools online. In general, no prior approval is required.

In the case of a short course that begins later in the semester, a student may drop the course through the second class meeting.

During the drop-with-W period, as defined below, a student may drop a course via an Add Drop form, which can be downloaded from the Office of the Registrar's web site. Approval from the student's dean's office is required to complete the drop.

The following definitions explain the beginning and end of each drop period.

### ***Drop Period***

- For fall and spring semesters, the drop period is the first through the 10th day of the semester.
- For summer, the drop period is the first meeting date of the class through the following business day.
- For January terms, the drop period is the first and second day of the term.

### *Drop-with-W Period*

- For fall and spring semester, the drop-with-W period is the day following the drop period through the fifth day following the semester midpoint.
- For summer, the drop-with-W period is the day following the drop period of the class to the midpoint of the class.
- For January terms, the drop-with-W period is the day following the drop period through the midpoint of the term.

Drops that occur after the start of the semester or term affect the student's transcript differently depending on the point of time within a semester.

A drop that occurs before or within the drop period will result in no coursework appearing on the student's transcript for that course for that semester.

A drop that occurs during the drop-with-W period will result in the administrative mark of "W" (Withdrawal) on the student's transcript for that course for that semester.

A student may drop a course after the drop-with-W period only if the instructor and/or dean's office finds extenuating circumstances that would make the drop appropriate, in which case the administrative mark of "W" is officially recorded. In cases where extenuating circumstances were not identified, the instructor of the course will be responsible for assigning the grade earned by the student in that course.

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### Complete Withdrawal (Dropping All Courses in a Semester or Term)

A student may withdraw from the University at any time during the semester, up to the completion or submission of the final work of the course(s), by submitting a request in writing to the dean (or the dean's designee) of the college or school in which the student is enrolled.

A. Complete withdrawals that occur within the drop period of the semester will result in no coursework appearing on the student's transcript for the respective semester.

B. Complete withdrawals that occur within the drop-with-W period will result in the mark of "W" (Withdrawal) on the student's transcript for the respective semester's coursework. The "W" is not used in the calculation of the grade point average.

C. Complete withdrawal requests submitted after the drop-with-W period will be considered late withdrawal requests and must document the extenuating circumstances that form the basis for the request, such as a serious illness or a family emergency.

- Authorized late complete withdrawals will have the same result as B above.
- Unauthorized late withdrawals may lead to a mark of "WU", which is counted as an "F" in the grade point average calculation. In the case of an unauthorized withdrawal:
  1. If the last date of academic activity is determined to be within the drop period, the result will be the same as in item A above.
  2. If the last date of the academic activity is determined to be within the drop-with-W period, the result will be the same as item B above. The "W" cannot be removed from a student's transcript upon subsequently repeating the course.

3. If the last date of academic activity is determined to be after the drop-with-W period, the instructors of record will determine if a mark of "WU" (Unauthorized Withdrawal) or letter grade will be assigned. The "WU" is calculated as an "F" in the grade point average. The "WU" cannot be removed from a student's transcript upon subsequently repeating the course; however, its calculation as an "F" may be removed from the student's grade point average.

Individual colleges and schools may have additional academic regulations that are stated under the "Specific Regulations" of that college or school in the catalog. Information on the academic regulations of the Drake University Law School appears in the Law School *Student Handbook* at the [Law School](https://www.drake.edu/law/students/) web site (<https://www.drake.edu/law/students/>). Financial implications are not in the purview of the academic colleges and schools. Attendance records will be used to verify attendance dates.

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## Student Leave Policy

Voluntary and involuntary leaves of absence and complete withdrawals from the university will be handled in accordance with the Student Leave Policy. Students should also refer to the handbooks of their specific programs for additional information concerning the impact of a leave of absence or withdrawal and any additional requirements for such leaves.

### Leave of Absence

A leave of absence is a temporary separation from the university. If approved, the duration of the leave generally will be a minimum of one academic term to a maximum of one year. After one year of non-enrollment, any student who has not returned to the university will be withdrawn. An extension or reduction of the leave period may be requested. There are two types of leaves of absence, voluntary and involuntary.

- I. **Voluntary Leave of Absence:** A voluntary leave may be requested for national service, personal (non-medical) or financial reasons. A student considering a voluntary leave of absence should consult their academic program, department, or school to discuss specific criteria for voluntary leave.
  - a. **Planned Leave of Absence:** Students should request their planned leave of absence prior to the beginning of the semester they intended to be gone. Students applying for a planned leave of absence agree to complete any courses in the current term, understanding that if approved, the leave of absence will begin the following term.
  - b. **Immediate Leave of Absence:** An immediate or unplanned leave of absence is reserved for the unusual situation (non-medical) where a student is unable to complete the current term. Students may request an immediate leave of absence from the first day of classes through last day of classes.
    - i. If approved prior to the official drop deadline, all classes for the current term will be dropped from the student's official record.
    - ii. If approved after the official drop deadline through the last day of classes for the current term, the student will receive grades of 'W' in all classes for the current term.
  - c. **Medical Leave of Absence:** The university recognizes that students may experience health issues that significantly impact their ability to function successfully or safely in their role as students. In those situations, students may request a medical leave of absence (MLOA), which, if granted, permits them to take a planned or immediate leave of absence, so that they may receive treatment.
    - i. If an immediate MOLA is approved prior to the official drop deadline, all classes for the current term will be dropped from the student's official record.

- ii. If an immediate MOLA is approved after the official drop deadline through the last day of classes for the current term, the student will receive grades of 'W' in all classes for the current term.
- II. Involuntary Leave of Absence
- a. The university may place a student on involuntary leave of absence when a student is unwilling or unable to request a voluntary leave of absence and when there is evidence to suggest that:
    - i. The student poses significant danger of imminent or serious harm to self or others, or to the property of the campus.
    - ii. The student, although not posing the risk of imminent or serious harm to self or others, impedes the activities of other members of the campus community. Examples of such behavior include being disruptive to the environment or having needs which exceed the level of care and supervision the university can reasonably provide.
    - iii. The student has a medical reason that will prevent them returning to the university in the foreseeable future.
  - b. An involuntary leave of absence may be executed at any time.
    - i. If an involuntary leave of absence is executed for the current term prior to the official drop deadline, all classes for the current term will be dropped from the student's official record.
    - ii. If an involuntary leave of absence is executed for the current term after the official drop deadline through the last day of classes for the current term, the student will receive grades of 'W' in all classes for the current term.

### University Withdrawal

A university withdrawal is a permanent separation from the university. Any student who plans to leave the university on a permanent basis must formally withdraw. Any student who has withdrawn from the university and then wishes to return is required to go through the re-enrollment process. Academic suspension or disciplinary suspension will override a University Withdrawal. There are two types of withdrawals:

- I. Planned University Withdrawal: Students requesting a planned university withdrawal agree to complete any courses in the current term, understanding the university withdrawal will begin the following term. Any courses enrolled in subsequent terms will be dropped by the Office of the Registrar.
- II. Immediate University Withdrawal: An immediate university withdrawal is reserved for the unusual situation where a student is unable to complete the current term and does not plan on returning in a future term. Students may request an immediate university withdrawal from the first day of classes through the last day of classes. Any courses enrolled in subsequent terms will be dropped by the Office of the Registrar.
  - a. If approved prior to the end of the official drop deadline, all classes for the current term will be dropped from the student's official record.
  - b. If approved after the official drop deadline through the last day of classes for the current term, the student will receive grades of 'W' in all classes for the current term.
- III. Unauthorized University Withdrawal: An unauthorized university withdrawal is reserved for the unusual situation in which a student stops attending, but takes no action to notify the university. If it is determined that a student stopped attending In the case of an unauthorized withdrawal:
  - a. If the last date of academic activity is determined to be within the drop period, all classes for the current term will be dropped form the student's official record.
  - b. If the last date of academic activity is determined to be within the drop-with-W period, the student will receive grades of 'W' in all classes for the current term.
  - c. If the last date of academic activity is determined to be after the drop-with-W period, the instructors of record will determine if a mark of 'WU' (unauthorized withdrawal) or letter grade

will be assigned. The 'WU' is calculated as an 'F' in the grade point average. The 'WU' cannot be removed from a student's transcript upon subsequently repeating the course; however, the calculation as an 'F' may be removed from the student's grade point average.

### **Financial Considerations**

It is the responsibility of the student who is considering a leave of absence or university withdrawal to contact the Student Financial Planning Office to discuss any possible financial impact, such as loan repayment, before initiating the process. In accordance with federal regulations, the Office of Student Financial Planning will recalculate federal aid eligibility for students who withdraw, drop out, are suspended, or take a leave of absence prior to completing more than 60 percent of the term. For information regarding federal aid recalculations, visit <https://www.drake.edu/finaid/financialaidbasics/returnoftitleivfundsregulations/>.

### **Tuition Refund**

If a leave of absence or withdrawal is approved prior to the first day of the term, all classes for the current term will be dropped and students will receive a full tuition refund. If a leave of absence or withdrawal is approved between the first and last day of classes for the current term, students will receive a pro-rated tuition refund. To view the tuition refund percent schedule, visit: <https://www.drake.edu/finaid/financialaidbasics/completewithdrawals/>.

## Financial Adjustments Based on Enrollment Changes (Other Than Complete Withdrawals)

### **Tuition Adjustments**

A reduction of credit hour enrollment within the time specified for dropping without a mark of 'W' for the term length and type of course may occur without tuition penalty. After the "no W drop date", a change from full-time to part-time status or a reduction in credit-hour enrollment, other than a complete withdrawal, will not change tuition charges. For example, a student enrolled full-time will receive no tuition adjustment if he or she drops below full-time enrollment after the "no W drop date." Tuition adjustments for increased enrollment continue throughout the term.

### **Financial Aid Adjustments**

Financial aid may be adjusted until the "no W drop date" based upon changes in enrollment and changes in tuition and fees. Eligibility for financial aid for increased enrollment is not automatically calculated with an enrollment change. Please contact the Office of Student Financial Planning to discuss changes in enrollment and financial aid eligibility.

A student who withdraws from courses, repeats courses, receives incompletes in courses or takes noncredit courses may not be able to complete the number of credit hours required for satisfactory progress; therefore, the student may be jeopardizing his/her financial aid by withdrawing from or repeating courses, receiving incompletes in courses or taking noncredit courses.

A student may withdraw from the University at any time during a semester, up to and including the last day of class, by obtaining the consent of the dean of the college or school in which the student is enrolled. The application for withdrawal must document the extenuating circumstances that form the basis for the requested withdrawal, such as a serious illness or a family emergency.

Upon approval of the withdrawal, the student's transcript records the courses in which the student was enrolled that semester. If the student leaves the University without obtaining the consent of the dean of the student's college or school, the student's transcript records the courses in which the student was enrolled that semester and the grades assigned by the instructors.

Students who are working to pay all or most of their expenses in college are advised not to carry more than 12 credit hours each semester. Students who are below a 2.00 G.P.A. for the previous semester may be required, at the discretion of the dean of the college or school, to carry proportionately reduced programs.

Individual colleges and schools may have additional academic regulations that are stated under the "Specific Regulations" of that college or school in the catalog. The academic regulations for graduate students are stated in the Graduate Catalog. Information on the academic regulations of the Law School may be obtained by writing to the dean of the Law School.

## **Re-Enrollment for Undergraduate Students**

Degree-seeking full- or part-time undergraduates who meet the following criteria are required to submit an application for re-enrollment to the Office of the Registrar.

1. Have been admitted to a Drake University degree program and previously enrolled in classes
2. Did not register for classes at Drake for at least one fall or spring semester
3. Are not seeking re-enrollment after a Voluntary Medical Leave of Absence (VMLOA)\*
4. Wish to re-enroll at Drake University

\*Students seeking re-enrollment after a VMLOA should contact the dean's office of their most recent enrollment.

Students are encouraged to begin the re-enrollment process at least two months prior to the beginning of the term in which they intend to re-enroll. The application deadline for each term is indicated in the following table.

<b>Desired Re-enrollment Term</b>	<b>Deadline</b>
Summer	March 1
Fall	July 1
J-Term	November 1
Spring	December 1

Students applying for re-enrollment who have registered at other college(s) after leaving Drake must provide official transcripts from all institutions attended. The transcripts must bear the official seal and signature of the official in charge of records and be sent directly to Drake's Office of the Registrar by each college or university previously attended. Transcripts that have been in the student's possession are not considered official documents.

Students are subject to the academic regulations and requirements in effect at the time of re-enrollment.

Students applying for re-enrollment are responsible for clearing any hold on their record before the re-enrollment can be approved or registration for classes can take place. Students also are responsible for satisfying all re-enrollment requirements that are specific to their desired college/school of re-enrollment.

International students applying for re-enrollment must contact Drake International (515-271-2084) to obtain, complete, and submit a new financial certificate.

Students seeking financial aid should contact the Office of Student Financial Planning (515-271-2905).

Students who desire on-campus housing must contact the Office of Residence Life (515-271-3715).

## **Transfer of Credit**

Students may receive credit for academic courses taken at postsecondary institutions that were regionally accredited at the time the courses were taken. Courses accepted for transfer credit must parallel courses offered at Drake University or otherwise be appropriate for college-level credit. Other details include:

- Students must have earned a grade of "C-" or better in the transfer course. Non-letter grades such as a "P," "S," or "CR" may be granted if the policy of the institution equates those grades to work completed at C- grade or better.
- Courses that are considered vocational or technical (career-specific) will be reviewed by the appropriate college/school dean's office for applicability.
- Students must have the college or university send Drake a transcript directly to the appropriate office on campus. Transcripts issued to the student or delivered by the student will not be accepted.
- Credit will not be granted for courses that provide developmental or support topics, ESL courses, professional development certifications, test outs, or experiential learning granted by other institutions.
- For undergraduate students
  - A maximum of 16 semester hours of vocational-technical credit may be granted at the discretion of the Drake college or school in which you enroll.
  - A cumulative total of 66 semester hours of credit from all two-year institutions attended may be applied to a degree.
  - An overall maximum of 94 hours may be applied toward a Drake degree (179 hours for Pharmacy).
  - A minimum of 30 hours must be completed at Drake.

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### AP, IB, CLEP Credit

Drake University awards advanced standing credit through several programs. In consultation with faculty advisers, all credits accepted are applied toward completion of the [Drake Curriculum \(www.drake.edu/catalog/undergrad/current/acadinfo/curriculum/\)](http://www.drake.edu/catalog/undergrad/current/acadinfo/curriculum/), your major or elective requirements. Course equivalencies shown are used as guidelines in the process and are subject to change.

During orientation and registration, students are encouraged to register for classes according to the guidelines for advanced credit and the scores they expect to achieve. If actual scores are different from those anticipated, class schedules may be adjusted accordingly.

Official transcripts must be provided to the University directly from the issuing organizations prior to the beginning of a student's first semester at Drake. The school code for Drake University designated by College Board, who administers the Advanced Placement (AP) exams, is 6168.

### **Advanced Credit Limitations**

**Duplication:** Credit will not be granted for any AP, IB, or CLEP exam for which college credit has already been earned. Students will not be granted credit for a lower-level course in a sequence of courses after credit in a higher-level course has been earned.

**Science Majors:** Students majoring in a science, a pre-professional science-related field, or pharmacy should contact the appropriate department or college to verify how science credits earned through these programs will be applied to the major.

**Language Students:** Although you may be awarded credit for foreign language, all students interested in pursuing language studies at Drake University should contact the [World Languages and Cultures Program](https://artsci/drake.edu/wlc) (<https://artsci/drake.edu/wlc>) by calling 1-800-44-DRAKE (37253), x2511 to schedule a placement exam.

See text below the following tables for limitations on certain exams/courses.

#### Advanced Placement (AP) Program

Faculty advisers will determine whether acceptable AP coursework will be applied toward Drake Curriculum, major, or elective requirements. Credit for other AP examinations will be reviewed as needed.

AP EXAM	REQUIRED SCORE	CREDITS EARNED	DRAKE EQUIVALENT
Art Drawing	4	3	ART Elective
Art General	4	3	ART Elective
Art History	4	3	ART 075
Biology	4	8	BIO 001, 001L, BIO Elective
Calculus AB*	4	4	MATH 050
Calculus AB subgrade	4	4	MATH 050
Calculus BC*	4	8	MATH 050, MATH 070
Chemistry****	4	8	CHEM 001, CHEM 002, CHEM 003, CHEM 004
Chinese Lang & Culture	4	6	CHIN 001, CHIN 002
Comparative Government	4	3	POLS 065
Computer Science A	4	3	CS 065
Economics: Macro	4	3	ECON 010
Economics: Micro	4	3	ECON 002
English Language**	4	6	ENG Elective
English Literature**	4	6	ENG Elective
Environmental Science	4	3	ENSP 035
European History	4	6	HIST Elective
French Language	4	6	FREN 001, FREN 002
French Literature***	4	9	FREN 001, FREN 002, FREN 051
German Language	4	6	GERM 001, GERM 002
Human Geography	4	3	SCSG 002
Italian Language & Culture	4	6	General Elective
Japanese Language & Culture	4	6	JAPN 001, JAPN 002
Latin Literature	4	6	General Elective
Latin: Vergil	4	6	General Elective



<b>Music Theory</b>	4	4	Evaluated on an individual basis
<b>Physics 1</b>	4	4	PHY 011
<b>Physics 2</b>	4	4	PHY 012
<b>Physics B</b>	4	8	PHY 011, PHY 012
<b>Physics C: Electricity &amp; Magnetism</b>	4	4	PHY 002
<b>Physics C: Mechanics</b>	4	4	PHY 001
<b>Psychology</b>	4	4	PSY 001
<b>Spanish Language</b>	4	6	SPAN 001, SPAN 002
<b>Spanish Literature***</b>	4	9	SPAN 001, SPAN 002, SPAN 051
<b>Statistics</b>	4	3	STAT 071
<b>Studio Art</b>	4	3	ART Elective
<b>Studio Art: 2-D Design</b>	4	3	ART 013
<b>Studio Art: 3-D Design</b>	4	3	ART 014
<b>U.S. Government &amp; Politics</b>	4	3	POLS 001
<b>U.S. History</b>	4	6	HIST 075, HIST 076
<b>World History</b>	4	6	HIST 001, HIST 002

\* Not more than eight semester hours of Advanced Placement credit for calculus will be granted.

\*\* Not more than a total of six semester hours of Advanced Placement English credit will be granted.

\*\*\* Students who complete both Language and Literature classes in French and Spanish will receive only three additional credits for the literature exam.

\*\*\*\* Students who opt to take CHEM 001-004 at Drake will receive credit for CHEM 006, CHEM 007, and CHEM elective credit. Pharmacy students will receive credit for CHEM 006, CHEM 007, and CHEM elective credit.

#### International Baccalaureate (IB) Program

Students who have completed the International Baccalaureate Program and receive a diploma will receive approximately one year of credit toward graduation. Partial completion of the IB requires a course-by-course evaluation. Faculty advisers will determine how IB coursework will be applied toward Drake Curriculum, major or elective requirements. Credit for other IB examinations will be reviewed as needed.

<b>IB COURSEWORK</b>	<b>REQUIRED SCORE</b>	<b>CREDITS EARNED</b>	<b>DRAKE EQUIVALENT</b>
<b>Arabic Language (A1)</b> <i>Higher Level</i>	5	9	ARAB 001, ARAB 002, ARAB 051
<b>Arabic Language (A1)</b> <i>Standard Level</i>	5	6	ARAB 001, ARAB 002
<b>Arabic Language (B)</b> <i>Higher Level</i>	5	12	ARAB 001, ARAB 002, ARAB 051, ARAB 052
<b>Arabic Language (B)</b> <i>Standard Level</i>	5	9	ARAB 001, ARAB 002, ARAB 051
<b>Art</b> <i>Higher Level</i>	5	3	ART Elective

<b>Art</b> <i>Standard Level</i>	5	3	ART Elective
<b>Biology</b> <i>Higher Level</i>	5	8	BIO 001, BIO 001L, BIO Elective
<b>Biology</b> <i>Standard Level</i>	5	4	BIO 001, BIO 001L
<b>Business &amp; Management</b> <i>Higher Level</i>	4	6	BUS Elective
<b>Business &amp; Management</b> <i>Standard Level</i>	4	3	BUS Elective
<b>Cantonese Language (B)</b> <i>Higher Level</i>	5	12	General Elective
<b>Cantonese Language (B)</b> <i>Standard Level</i>	5	9	General Elective
<b>Chemistry*</b> <i>Higher Level</i>	4	8	CHEM 001, CHEM 002, CHEM 003, CHEM 004
<b>Chemistry**</b> <i>Standard Level</i>	5	4	CHEM 001, CHEM 003
<b>Chinese Language (A1)</b> <i>Higher Level</i>	5	9	CHIN 001, CHIN 002, CHIN 051
<b>Chinese Language (A1)</b> <i>Standard Level</i>	5	6	CHIN 001, CHIN 002
<b>Computer Science</b> <i>Higher Level</i>	4	6	CS 065, CS Elective
<b>Computer Science</b> <i>Standard Level</i>	5	3	CS 065
<b>Design Technology</b> <i>Higher Level</i>	4	7	PHSC 001, PHSC Lab, PHSC Elective
<b>Design Technology</b> <i>Standard Level</i>	4	3	PHSC 001, PHSC Lab
<b>Economics</b> <i>Higher Level</i>	5	6	ECON 002, ECON 010
<b>Economics</b> <i>Standard Level</i>	5	3	ECON 010
<b>English Language (A1 &amp; A2)</b> <i>Higher Level</i>	5	6	ENG Elective
<b>English Language (A1 &amp; A2)</b> <i>Standard Level</i>	5	3	ENG Elective
<b>English Language (B)</b> <i>Higher Level</i>	5	6	ENG Elective
<b>English Language (B)</b> <i>Standard Level</i>	5	3	ENG Elective
<b>Env and Soc</b> <i>Standard Level</i>	5	3	ENSP 061
<b>French Language (A1)</b> <i>Higher Level</i>	5	9	FREN 001, FREN 002, FREN 051
<b>French Language (A1)</b> <i>Standard Level</i>	5	6	FREN 001, FREN 002

<b>French Language (B)</b> <i>Higher Level</i>	5	12	FREN 001, FREN 002, FREN 051, FREN 052
<b>French Language (B)</b> <i>Standard Level</i>	5	9	FREN 001, FREN 002, FREN 051
<b>Geography</b> <i>Higher Level</i>	4	8	SCSG 002, SCSG Elective
<b>Geography</b> <i>Standard Level</i>	5	3	SCSG 003
<b>German Language (A1)</b> <i>Higher Level</i>	5	9	GERM 001, GERM 002, GERM 051
<b>German Language (A1)</b> <i>Standard Level</i>	5	6	GERM 001, GERM 002
<b>German Language (B)</b> <i>Higher Level</i>	5	12	GERM 001, GERM 002, GERM 051, GERM 052
<b>German Language (B)</b> <i>Standard Level</i>	5	9	GERM 001, GERM 002, GERM 051
<b>History</b> <i>Higher Level</i> (including subcategories)	5	3	HIST Elective
<b>History</b> <i>Standard Level</i>	5	3	HIST Elective
<b>Information Technology</b> <i>Higher Level</i>	4	3	IS Elective
<b>Information Technology</b> <i>Standard Level</i>			NO CREDIT
<b>Islamic History</b> <i>Higher Level</i>	4	3	HIST Elective
<b>Islamic History</b> <i>Standard Level</i>	4	3	HIST Elective
<b>Japanese Language (AB)</b> <i>Higher Level</i>	5	9	JAPN 001, JAPN 002, JAPN 051
<b>Japanese Language (AB)</b> <i>Standard Level</i>	5	6	JAPN 001, JAPN 002
<b>Latin Language</b> <i>Higher Level</i>	4	6	General Elective
<b>Latin Language</b> <i>Standard Level</i>	5	3	General Elective
<b>Literature and Performance</b> <i>Standard Level</i>	4	3	ENG 030
<b>Mandarin Language (B)</b> <i>Higher Level</i>	5	12	General Elective
<b>Mandarin Language (B)</b> <i>Standard Level</i>	5	9	General Elective
<b>Advanced Math</b> <i>Standard Level</i>	5	4	MATH 054
<b>Mathematics</b> <i>Higher Level</i>	4	8	MATH 050, MATH Elective
<b>Mathematics</b> <i>Standard Level</i>	5	8	MATH 050, MATH Elective

<b>Math Methods</b> <i>Standard Level</i>	5	4	MATH 020
<b>Math Studies</b> <i>Standard Level</i>	5	4	MATH 020
<b>Music</b> <i>Higher Level</i>	4	3	MUS 080
<b>Music</b> <i>Standard Level</i> (including subcategories)	4	3	MUS 080
<b>Philosophy</b> <i>Higher Level</i>	4	3	PHIL Elective
<b>Philosophy</b> <i>Standard Level</i>	4	3	PHIL Elective
<b>Physics</b> <i>Higher Level</i>	4	8	PHY 011, PHY Elective
<b>Physics</b> <i>Standard Level</i>	4	4	PHY 011
<b>Psychology</b> <i>Higher Level</i>	4	4	PSY 001
<b>Psychology</b> <i>Standard Level</i>	4	3	PSY 001
<b>Social Anthropology</b> <i>Higher Level</i>	4	6	SCSA 002, SCSA Elective
<b>Social Anthropology</b> <i>Standard Level</i>	5	3	SCSA 002
<b>Spanish Language (A1)</b> <i>Higher Level</i>	5	9	SPAN 001, SPAN 002, SPAN 051
<b>Spanish Language (A1)</b> <i>Standard Level</i>	5	6	SPAN 001, SPAN 002
<b>Spanish Language (B)</b> <i>Higher Level</i>	5	12	SPAN 001, SPAN 002, SPAN 051, SPAN 052
<b>Spanish Language (B)</b> <i>Standard Level</i>	5	9	SPAN 001, SPAN 002, SPAN 051
<b>Sports Exercise Science</b> <i>Standard Level</i>	4	3	BIO Elective
<b>Swahili (A)</b> <i>Higher Level</i>	5	9	General Elective
<b>Swahili (A)</b> <i>Standard Level</i>	5	6	General Elective
<b>Theatre</b> <i>Higher Level</i>	4	4	THEA Elective
<b>Theatre</b> <i>Standard Level</i>	4	3	THEA Elective
<b>Visual Arts</b> <i>Higher Level</i>	5	3	ART Elective
<b>Visual Arts</b> <i>Standard Level</i>	5	3	ART Elective

\*Students who opt to take CHEM 001-004 at Drake will receive credit for CHEM 006, CHEM 007, and CHEM elective credit. Pharmacy students will receive credit for CHEM 006, CHEM 007, and CHEM elective credit.

\*\*Students who opt to take CHEM 001 and CHEM 003 at Drake will receive credit for CHEM 006 and CHEM 007. Pharmacy students will receive credit for CHEM 006 and CHEM 007.

#### College-Level Education Program (CLEP)

Any undergraduate student may qualify to earn credit toward graduation through the CLEP subject examinations listed below. The subject exams are essentially end-of-term tests designed to measure achievement in specific college courses.

For any subject exam, the required score may change from year to year. Students are not eligible to earn credit through an examination if they have withdrawn from an equivalent course after the midpoint of the semester. Students who have taken either semester of introductory accounting are not eligible to earn credit by exam for the remaining semester. The maximum possible credit granted through CLEP is 39 hours.

Students with strong backgrounds in any of the following subjects are advised to take the corresponding subject examination. Students must achieve the Drake required score to earn credit in the subject area.

CLEP EXAM	REQUIRED SCORE	ACE STANDARD	CREDITS EARNED	DRAKE EQUIVALENT
American Government	65	50	3	POLS 001
Analyzing and Interpreting Lit	51	50	3	ENG elective
Biology*	50	50	4	BIO 001, BIO 001L
Business Law	50	50	3	BLAW 060
Calculus with Elementary Functions	61	50	4	MATH 050
College Mathematics	61	50	3	MATH 017
Financial Accounting	50	50	3	ACCT 041
History of the United States I	50	50	3	HIST 075
History of the United States II	50	50	3	HIST 076
Human Growth & Development	50	50	3	EDUC 108
Macroeconomics, Principles	50	50	3	ECON 010
Microeconomics, Principles	50	50	3	ECON 002
Pre-calculus	61	50	4	MATH 020
Psychology, Intro	59	50	3	PSY 001
Sociology, Intro	56	50	3	SCSS 001
Spanish Language	50	50	6	SPAN 001, SPAN 002
Western Civilization I	50	50	3	HIST elective
Western Civilization II	50	50	3	HIST elective

Credit will not be granted for the following exams: Chemistry, College Composition, College Composition Modular, Information Systems, Algebra/Trigonometry, Trigonometry, College Algebra, Principles of Marketing, and Intro to Educational Psychology.

\*None of these apply to the 32 BIO credits and six BIO lab courses required for the biology major. For biology majors, CLEP can count towards the 124 credits required for graduation. BIO 001 and 001L fulfills the life science AOI, with lab.

Drake honors the Iowa community colleges Associate of Arts (A.A.) and Associate of Science (A.S.) articulation agreements. Admitted students with an A.A. or A.S. degree from an Iowa community college who have at least 60 semester credits acceptable for transfer and a minimum 2.00 cumulative grade point average will enter Drake University having fulfilled the Drake Curriculum general education requirements with the exception of the Senior Capstone requirement in the student's major(s) area of study. Students within one year of high school graduation are required to complete a First Year Seminar.

Students are required to submit a final transcript with proof of the A.A. or A.S. degree before the beginning of their second term (excluding summer or J-term) of enrollment. Students who fail to provide the appropriate documentation will be required to complete the general education requirements.

Students who completed an associate degree other than an A.A. or A.S. or received the associate degree from a community college outside of Iowa will have credits evaluated on a course-by-course basis.

# College of Arts and Sciences

The mission of the College of Arts & Sciences is to provide an exceptional learning environment for students to develop the talents and skills necessary for personal and professional success. Combining a solid grounding in their major disciplines with an interdisciplinary approach to education, Arts and Sciences students learn, practice and value analysis, experimentation, creativity and ethical action. In collaboration with the entire university, the College encourages students to assume responsibility for their education and to become engaged citizens on both the local and global levels.

The college offers degree programs in the full range of arts and sciences disciplines and interdisciplinary programs, enabling students to lay the groundwork for careers in education, business, the arts, humanities, social sciences, and sciences. It also provides liberal education experiences for students in the University's undergraduate professional programs, and through its School of Fine Arts, enriches the cultural experience of all members of the Drake community.

The Drake University College of Arts and Sciences is comprised of the divisions of Humanities, Natural Sciences, Social Sciences, and Fine Arts.

## Areas of Study

### Majors

- American Politics
- Anthropology and Sociology
- Art History
- Artificial Intelligence
- Astronomy
- Biochemistry, Cell and Molecular Biology
- Biology
- Chemistry
- Computer Science
- Data Analytics
- Economics
- English
- Environmental Science
- Environmental Sustainability and Resilience
- Graphic Design
- History
- International Relations
- Kinesiology
- Law, Politics and Society
- Mathematics
- Mathematics Education
- Music
- Music Education
- Musical Theatre
- Neuroscience
- Open Enrolled - major only; no degrees awarded in this area
- Philosophy

Physics  
Politics  
Psychology  
Quantitative Economics (B.A. only)  
Religion  
Rhetoric, Media, and Social Change  
Sociology  
Spanish  
Studio Art - emphases in Drawing, Painting, Printmaking, and Sculpture  
Theatre  
    Theatre - Acting  
    Theatre - Design & Technology  
    Theatre - Teacher Certification  
Writing

Minors only

African American/African Diaspora Studies  
East Asian Studies  
Geography  
Human Rights Studies  
Latin American Studies  
Minors in Language and Culture  
Military Studies  
Spatial and Information Technology  
Theatre - Directing

Concentrations

Behavior Analysis of Developmental Disabilities  
Biophysics  
Comparative Animal Behavior  
Human Resources Management  
Interdisciplinary Study of the Humanities and Sciences  
Jazz Studies  
Women's and Gender Studies  
Zoo and Conservation Science

Certificates

Global Ambassador



## American Politics

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in American Politics

Political Science department web page ([www.drake.edu/polsci/](http://www.drake.edu/polsci/))

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### Program Overview

The Department of Political Science administers a major in Politics, an interdisciplinary major in International Relations, as well as a minor in Politics and a minor in International Relations. Our programs offer the rigor and depth of disciplinary training with interdisciplinary breadth that is grounded firmly in the liberal arts tradition.

We seek to provide a learning environment that can produce liberally educated citizens who are fluent in the language of politics and political analysis and thereby have the foundation for both citizenship in a democratic society and successful training in a job, in a graduate school, or in a professional school.

Our degrees prepare students for graduate school in political science, international relations, and related fields. Our degrees also prepare students for careers in government (at the local, state, national and international levels), political campaigns, law, political journalism, business, non-profit organizations, and academics. Courses in the department offer students opportunities to integrate experiential learning with their academic coursework. We encourage our majors to complete internship experiences, and a multitude of internships are available, including opportunities in state government, political campaigns, and non-profit organizations and internships related to international issues or multicultural affairs.

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### B.A. Degree Requirements

The American Politics major offers students a unique learning environment that synthesizes rigorous academic study alongside practical experience and skills, exemplifying the Drake mission statement's focus on "collaborative learning among students, faculty, and staff" and "the integration of the liberal arts and sciences with professional preparation.

Course	Credits
POLS 001 - American Political System	3
POLS 065 - Comparative Politics	3
Introductory Methods in American Politics	3
One upper-level methods-designated topical seminar	3
One course in theoretical foundations	3
American Politics capstone	3

Electives (24 credits)	
Two elective courses in political institutions	6
Two elective courses in contemporary public policy debates	6
One elective course in political behavior	3
Nine credit hours in professional development/practical politics (9 hrs). Students will complete these nine credit hours through a combination of advisor-approved internships (paid or unpaid), experiential learning opportunities in Washington, D.C., and/or short courses focusing on professional skills taught by experts in the field.	9
<b>TOTAL</b>	<b>42</b>

\*\* For graduation, majors must have at least a 2.00 cumulative GPA in all courses counted towards the major.

## Artificial Intelligence

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Science (B.S.) with a major in Artificial Intelligence

Political Science department web page ([www.drake.edu/artificial-intelligence/](http://www.drake.edu/artificial-intelligence/))

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### Program Overview

Artificial intelligence and automation are expected to impact tasks in nearly every industry in the coming decades, with much potential to significantly reshape the workforce. In light of these impending changes, there is a need for individuals who not only have coding skills but also have a broader outlook, informed by training in the humanities and other disciplines, to understand the impact and implications of AI.

Students in the program will complete a unique curriculum that draws from such areas as computer science, statistics, philosophy, psychology, linguistics, design, business, and law, resulting in a well-rounded education that prepares students to effectively navigate a world that has been revolutionized by AI.

As part of the program, students will be equipped to reflect critically upon the fundamental assumptions of AI, respond to many of the ethical, legal, and society implications of AI, and become proficient in the foundational formal concepts in mathematics, computer science, linguistics, and logic necessary to create artificial intelligence systems.

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### B.S. Degree Requirements

Course	Credits
AI 010: Interdisciplinary Reflections on AI	3
AI 042: Artificial Intelligence or PHIL 130: Minds, Brains, and Computers	3
PSY 001: Introduction to Psychology OR NSCI 001: Introduction to Neuroscience	3-4
AI 036: Nature of Intelligence and Relationship to Artificial Intelligence OR PSY 125: Cognitive Psychology	3-4
CS 083: Computer Ethics	3
IS 083: IT Legal and Ethical Issues	3
AI 051: AI in Fiction or SCSS 135: Technoscience Culture and Practice	3
STAT 071: Statistics I	3
STAT 108: Modern Regression	3
PHIL 128: Language and Reality or ENG 139: Language and Logic	3
CS 065: Intro to Computer Science I	3

CS 066: Intro to Computer Science II	3
CS 143: Artificial Intelligence	3
CS 167: Machine Learning	3
IS 147: Human Factors in IS or ART 150: History of Human-Centered Design	3
IS 161: Information Systems Analysis and Design	3
AI 190: Artificial Intelligence	3
<b>TOTAL</b>	<b>51</b>

The program outlined above would graduate a student from the College of Arts and Sciences with a degree in Artificial Intelligence. If a student is interested, they would have the option to add on an additional **Artificial Intelligence Concentration** in a few select areas. These concentrations are only available to AI majors and would show up on the student transcripts as a clear area of study. A concentration would require 12 additional credit hours of study.

**Computer Science AI Concentration:**

- CS 114: Symbolic Logic
- CS 128: Robotics
- CS 137: Data Structures and Analysis of Algorithms
- CS 144: Advanced AI

**Humanities AI Concentration:**

- PHIL 090: Ethics
- PHIL 114: Symbolic Logic
- PSY 050: Psychology of Creativity
- ENG 081: Intro to English Linguistics OR ENG 102: Structure of Modern American English

**Business AI Concentration:**

- ECON 002: Principles of Microeconomics
- BLAW 60: Business Law I
- MKTG 101: Marketing Principles
- IS 160: Database Management

**Artificial Intelligence Minor**

Course	Credits
AI 010: Interdisciplinary Reflections on AI	3
AI 042: Artificial Intelligence or PHIL 130: Minds, Brains, and Computers	3
AI 036: Nature of Intelligence and Relationship to Artificial Intelligence	3
CS 083: Computer Ethics	3
CS 065: Intro to Computer Science I	3
CS 066: Intro to Computer Science II	3
CS 143: Artificial Intelligence	3
IS 147: Human Factors in IS or ART 150: History of Human-Centered Design or IS 161: Information Systems Analysis and Design	3
<b>TOTAL</b>	<b>24</b>

## Anthropology and Sociology

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here](https://catalog.drake.edu/): <https://catalog.drake.edu/>.

### Available Options

Bachelor of Arts (B.A.) with a major in Anthropology and Sociology  
 Anthropology minor

[Study of Culture and Society department web site](http://www.drake.edu/scs/) (www.drake.edu/scs/)

### Program Overview

The Anthropology and Sociology (ANSO) major and the anthropology minor offer a multidimensional perspective on self, culture, society. The courses in both major and minor examine culture and society with a focus on language, meaning, difference, and power. Students are invited to cultivate reflexive, interpretive, and emphatic forms of cultural analysis.

ANSO majors benefit from the related yet distinct emphases of anthropology and sociology to better understand a globalized, multicultural, and often quite fraught world. The program prepares students for a variety of vocations in the global society as well as for graduate study in anthropology, sociology, and for various interdisciplinary areas like women's and gender and ethnic studies. It also is a good preparation for law school and other professional education and training.

### B.A. Degree Requirements

The major offers strong preparation for careers in global human rights, law and public administration, medicine and global public health, activism, social work, advertising and marketing, politics and public policy, business, banking, and consulting, to name just a few. The various courses in the ANSO program examine social groups and processes in a wide diversity of contexts, with an emphasis on critical thinking and social justice.

The program has flexibility built into the core course requirements and combines anthropology courses with sociology courses and allows courses from the program in rhetoric. Students are urged to work with their advisers to assure selection of courses compatible with their educational and career objectives.

Required Courses	Credits
SCSS 001 - Survey of Sociology	3
SCSA 002 - Introduction to Cultural Anthropology	3
<i>Select two theory-intensive courses, one in anthropology (SCSA) and one in sociology (SCSS), from the list below:</i>	6
SCSA 081 - Borders and Boundaries	
SCSA 101 - Feminist Anthropology	
SCSA 125 - Anthropological Theory	
SCSS 070 - Psyche/Self/Society	
SCSS 080 - Social Problems	
SCSS 085 - Sociology of Everyday Life	
SCSS 130 - Contemporary Chinese Society	
SCSS 133 - Social Structure/Social Change	
SCSS 135 - Science and Society	
SCSS 170 - Deviance	
SCSS 173 - Global Citizenship	
SCSS 174 - Feminist Theories of Subjectivity	

SCSS 175 - Social Stratification (4 hours of credit); SCSS 176 - Documenting Lives SCSS 178 - Gender, Technology & Embodiment SCS 110 - Culture, Knowledge, Power	
<i>Select two research design courses. One course from anthropology and one from sociology, from the list below:</i>	6
SCSA 078 - The Practice of Oral History SCSA 153 - Documentary Video Challenge SCSA 156 - Ethnographic Methods SCSS 042 - Sociological Inquiry SCSS 077 - Art of the Interview SCSS 155 - Global Youth Studies SCSS 156 - Representing Race SCSS 157 - Sociology of the Sixties SCSS 158 - Social Science Statistics SCSS 159 - Methods of Social Research STAT 050 - Statistics for Social Sciences	
<i>Select one community-engaged learning course from the list below. May not be double-counted as research design or theory intensive.</i>	3
SCSA 078 - The Practice of Oral History SCSA 153 - Documentary Video Challenge SCSS 020 - Intro to Race and Ethnicity SCSS 075 - Intro to Women's and Gender Studies SCSS 076 - Sociology of Childhood SCSS 077 - Art of the Interview SCSS 146 - Restorative Justice SCSS 156 - Representing Race SCSS 173 - Global Citizenship SCSS 175 - Social Stratification (4 hours of credit) SCSS 196 - Sustainability and Social Justice on the Gulf Coast SCSS 196 - Contemporary Urban Mexico	
SCSA 199 - Senior Capstone Seminar (Offered each semester. To be taken in final year of major. Students should take all theory and research design courses before enrolling in capstone course.)	3
Choose four additional elective courses in anthropology/sociology.	12
<b>TOTAL</b>	<b>36</b>

Up to 6 hours of rhetoric (SCSR) courses may count towards this major.

No more than nine hours of credit may be counted towards both ANSO and RMSC majors. Students completing the RMSC major must do a capstone course for each major.

A maximum of 9 hours of transfer credit may be used for the ANSO major. Transfer courses may not be used to fulfill the theory-intensive, research design, community-engaged, or capstone requirements.

To graduate with an ANSO major, students must earn grades of "C" or higher in each core course. Students completing the ANSO major may not earn a major sociology.

Students who wish to take courses from related areas must petition and have the substitution approved by the anthropology adviser. Petitions are available from anthropology and sociology faculty. To receive approval for the minor, a non-anthropology course must offer a cross-cultural, global and comparative perspective; examine a geographic area, culture or other subject in a manner amenable to cultural anthropology; or concentrate on or encourage the use of a methodological approach, theoretical framework or substantive problem that is of historical importance and/or complementary to cultural anthropology.

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### Anthropology Minor

The anthropology minor requires completion of 18 hours of coursework in anthropology, including one entry-level course and an additional 15 hours of anthropology courses. Students may petition for up to 6 of the 18 hours be allowed from related disciplines or concentrations subject to advisor and department approval. Such courses must contain a cross-cultural, global, and comparative perspective; examine a geographic area, culture, or subject in a way similar to cultural anthropology; or focus on a method, theory, or substantive problem of historical importance relevant to cultural anthropology.

A maximum of 9 hours of transfer credit may be applied toward the anthropology minor.

<b>Required Courses</b>	<b>Credits</b>
SCSA 002 - Introduction to Cultural Anthropology	3
Choose five additional five courses in anthropology.	15
<b>TOTAL</b>	<b>18</b>

## Art History

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here](http://www.drake.edu/catalog/): [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

[Bachelor of Arts \(B.A.\)](#) with a major in Art History

[Art History minor](#)

[Department of Art & Design web site \(www.drake.edu/art-design/majorsminors/arthistory/\)](http://www.drake.edu/art-design/majorsminors/arthistory/)

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### Program Overview

This program enables students to develop both the vocabulary and the conceptual framework for the analysis of artistic productions from a broad range of time periods and cultures. Students also develop the research and writing skills necessary for critical investigation. Familiarity with traditional and contemporary scholarship becomes a basis for focused, independent art historical inquiry.

Unlike many comparable programs, the study of art history at Drake is fully integrated within the studio and design areas of the department. The Art History major combines studio experience with an introduction to the practices, theories, and debates of the discipline. Students therefore gain experience in making images as well as in interpreting them.

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### B.A. Degree Requirements

The B.A. in art history prepares students to navigate the complexity of visual culture, whether past or present, by introducing them to the specialized language and strategies of image making as well as by providing them with a rigorous historical introduction to the production, interpretation and circulation of artworks. The curriculum employs new models of teaching and theorizing art history in order to acknowledge changes in the field. For example, unlike the longstanding emphasis on chronology in beginning surveys of art history, the introductory courses at Drake employ a thematic approach that traces formal and conceptual concerns across multiple time periods and cultures. Upper-level courses offer critical reexaminations of the categories fundamental to the founding of art history including national tradition, stylistic periods and definitions of modernity. The Art History Capstone introduces students to the professional practice of curating.

**\*\*Foreign language study is strongly recommended for majors planning to attend graduate school in art history.\*\***

Course	Credits
ART 013 - 2-D Design, or ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 016 - Concepts in Drawing	3
ART 075 - Themes in Art History	4



Introductory Studio Art Course (Printmaking, Painting, or Sculpture) - <i>Select one from the following</i>	
ART 056 - Introduction to Printmaking	3
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
ART 063 - Pushing Paint	3
ART 079 - Building Ideas	
ART 199 - Art and Theory	3
Art History electives	15
ART 197 - Art History Capstone	4
<b>TOTAL</b>	<b>38</b>

In addition to requirements for all undergraduate degrees, which can be found in the “Graduation Requirements” area of the catalog, Art and Design students must meet the following requirements:

A student is placed on probation if either the cumulative grade-point average or the average in Department of Art and Design courses falls below 2.00 (a "C" average) during any semester in which a student has earned less than 30 total credit hours. A student may be placed on probation for failing to meet the University’s standards for satisfactory progress toward completion of degree requirements.

To continue progress toward a Department of Art and Design degree, a student must have at least a 2.5 cumulative grade-point average and a 2.5 GPA in the Department of Art and Design courses at the end of the academic term in which the student completes the 30th credit hour. For transfer students, the 30th-hour GPA must be based upon at least 15 credit hours earned at Drake. Students who achieve the 2.5 GPA at the 30th-hour level are placed on probation if their GPAs fall below 2.5 in a subsequent semester. If the GPA is not raised to 2.5 or better after the probationary semester, the student may not continue in the Department of Art and Design or re-enroll later.

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### Art History Minor

The minor in Art History is designed for those students outside the Department of Art and Design who want to know more about the history of art and art issues. The minor of 20 credit hours generally consists of the following courses selected in consultation with an Art History faculty advisor.

<b>Course</b>	<b>Credits</b>
<i>Select one Foundation Studio class from the following:</i>	
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 075 - Themes in Art History	4
Art History Electives	9
ART 197 - Art History Capstone	4
<b>TOTAL</b>	<b>20</b>

Art and Art History credit hours total must meet or exceed 20.

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## Astronomy

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here: www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

**Bachelor of Science (B.S.)** with a major in Astronomy

[Physics and Astronomy department web site \(www.drake.edu/physics/\)](http://www.drake.edu/physics/)

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### Program Overview

The Department of Physics and Astronomy offers a major directed toward a career in astronomy. Most professional positions in astronomy and astrophysics generally require study leading to the Ph.D. degree. Opportunities include research positions in observatories, often in conjunction with university teaching, and scientific positions in government agencies and industry.

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### B.S. Degree Requirements

The Bachelor of Science degree requires a minimum of 49 credit hours in astronomy and physics courses in a program to be developed by the student and the adviser and approved by the department. The upper-division program concentrates on astrophysics with courses in such areas as mechanics, electromagnetic theory, space and astrophysics.

Course	Credits
ASTR 001 - Astronomy 1	3
ASTR 01L - Astronomy 1 lab	1
ASTR 041 - Astronomical Techniques	3
ASTR 185 - Astrophysics I	3
ASTR 195 - Astrophysics II	3
PHY 001 (with lab and discussion) - Physics 1	4
PHY 002 (with lab and discussion) - Physics 2	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 050 (with recommended discussion) - Modern Physics	4
PHY 059 - Advanced Lab I	2
PHY 061 - Error Theory	1
PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
PHY 133 (with lab) - Electronics	4
PHY 149 - Advanced Lab II	2
PHY 181 - Quantum Theory	4
PHY 191 - Seminar I	1
PHY 192 - Seminar II	1
Electives - <i>Select at least one from:</i>	2
ASTR 071 - Problems in Positional Astronomy	2

ASTR 180 - Directed Independent Study in Astronomy	1-3
PHY 025 - Special Topics	1-3
PHY 060 - Biophysics	3
PHY 159 - Advanced Lab III	2
PHY 180 - Atomic and Molecular Physics	4
PHY 182 - Thermodynamics and Statistical Physics	4
PHY 183 - Nuclear and Particle Physics	4
PHY 186 - Plasma Physics	3
PHY 187 - Solid State Physics	3
PHY 188 - Advanced Classical Physics	4
PHY 197/198 - Research I/II (Senior Capstone)	4
TOTAL	51

\*Research Participation (Capstone): 4 cr (min) of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates). A paper and an oral presentation are required.

Requirements for the program also include General Chemistry I, with laboratory and related courses in mathematics and computer science appropriate to the options chosen by the student.

Depending on the student's career goals, the academic advisor may recommend courses chosen from electives.

Grade Requirements for Graduation

2.0 minimum (C) average is required in all physics-credit courses. In addition, a C is required for Modern Physics, Advanced Lab I, Theoretical Mechanics, Electromagnetic Theory and Astronomical Techniques.

NOTE: A special B.A. in Astronomy is not needed as the analytical skills are already developed with a B.A. in Physics with an elective in Astronomy.

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## Biochemistry, Cell and Molecular Biology

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Available Options

- Bachelor of Arts (B.A.) with a major in Biochemistry, Cell and Molecular
- Bachelor of Science (B.S.) with a major in Biochemistry, Cell and Molecular Biology

Biochemistry, Cell and Molecular Biology department web site ([www.drake.edu/bcmb/](http://www.drake.edu/bcmb/))

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### Program Overview

The biochemistry, cell and molecular biology (BCMB) major prepares students for careers at the critically important interface between biology, chemistry and physics many of which are in high demand.

Our curriculum follows national guidelines from our professional organization, the American Society for Biochemistry and Molecular Biology (ASBMB [www.asbmb.org](http://www.asbmb.org)). It emphasizes the molecular aspects of biology and life science aspects of chemistry. It emphasizes student-centered curricula, early participation in research and broad-based skills development.

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### B.A. Degree Requirements

The Bachelor of Arts major is intended to meet the needs of students interested in pursuing cross-disciplinary careers that merge a strong science background with a field of its application. These fields include medicine, bioinformatics, forensics, management, marketing, education, public relations, biophysics, biotechnology law and others upon approval of the BCMB Board of Directors.

Course	Credits
BIO 001 - Biological Sciences for Non-Majors, or BIO 012 - General/Pre-Professional Biology I, or BIO 013 - General/Pre-Professional Biology II, or BIO 018 - Intro to Anatomy & Physiology, or BIO 019 - Intro to Botany	8
BIO 105 - Genetics	3
BIO 165 - Cell Biology	4
BIO 186 - Molecular Biology	3
BIO 187L - Molecular Biology Lab	1-3
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3
CHEM 003 - General Chemistry I Lab	1

CHEM 004 - General Chemistry II Lab	1
CHEM 097 - Organic Chemistry I	3
CHEM 098 - Organic Chemistry I Lab	1
CHEM 108 - Organic Chemistry II	3
CHEM 110 - Organic Chemistry II Lab	1
CHEM 130 - Biochemistry	3
CHEM 131 - Biochemistry Lab	1
CHEM 132 - Advanced Biochemistry	3
CHEM 133 - Advanced Biochemistry Lab	1
At least one credit of a research equivalent experience. <i>Select from one of the courses below.</i>	1-12
BCMB 137 - Advanced Molecular Life Sciences Lab, or BCMB 198 - Internship, or BCMB 199 - Research	3 1-12 1-3
BCMB 195 - Senior Seminar	1
MATH 050 - Calculus I, or STAT 060 - Statistics for the Life Sciences	4 3
Career Focus Area - <i>individually developed with advisor</i>	15
Advanced electives - <i>select two from the following:</i>	
BIO 104 - Virology	3
BIO 116 - Bioinformatics	3
BIO 126 - Developmental Biology	3
BIO 176 - Neurophysiology	3
BIO 182 - Immunology	3
BIO 185 - Human Genetics	3
BIO 188 - Structural Biology	2
BIO 189 - Regulatory Biology	2
CHEM 161 - Biophysical Chemistry and Lab	4
NSCI 126 - Neurochemistry	3
PHY 132 - Medical Biophysics	3
TOTAL	43

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## B.S. Degree Requirements

The Bachelor of Science degree is appropriate for all the careers described for the B.A. but is especially well-suited for more laboratory intensive careers such as molecular life science industries (biotechnology, drug, food, agriculture and clinical industries) and graduate programs in molecular life sciences (biochemistry, cell and

molecular biology, genetic engineering and medicinal chemistry). The major follows the guidelines of the American Society for Biochemistry and Molecular Biology.

<b>Course</b>	<b>Credits</b>
BIO 001 - Biological Sciences for Non-Majors, or BIO 012 - General/Pre-Professional Biology I, or BIO 013 - General/Pre-Professional Biology II, or BIO 018 - Intro to Anatomy & Physiology, or BIO 019 - Intro to Botany	8
BIO 105 - Genetics	3
BIO 165 - Cell Biology	4
BIO 186 - Molecular Biology	3
BIO 187L - Molecular Biology Lab	1-3
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3
CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1
CHEM 081 - Quantitative Chemistry and Lab	4
CHEM 097 - Organic Chemistry I	3
CHEM 098 - Organic Chemistry I Lab	1
CHEM 108 - Organic Chemistry II	3
CHEM 110 - Organic Chemistry II Lab	1
CHEM 130 - Biochemistry	3
CHEM 131 - Biochemistry Lab	1
CHEM 132 - Advanced Biochemistry	3
CHEM 133 - Advanced Biochemistry Lab	1
At least one credit of a research equivalent experience. Select from one of the courses below.	1-12
BCMB 137 - Advanced Molecular Life Sciences Lab, or BCMB 198 - Internship, or BCMB 199 - Research	3 1-12 1-3
CHEM 161 - Biophysical Chemistry and Lab, or CHEM 165 - Physical Chemistry and Lab, or CHEM 182 - Chemistry Instruments/Analysis and Lab	4
BCMB 195 - Senior Seminar	1
MATH 050 - Calculus I	4
PHY 011 - General Physics I	4
PHY 012 - General Physics II	4
<b>TOTAL</b>	<b>65</b>

## Biology

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

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### Program Options

- Bachelor of Arts (B.A.) with a major in Biology
- Bachelor of Science (B.S.) with a major in Biology
- Biology minor

Biology department web site ([www.drake.edu/biology/](http://www.drake.edu/biology/))

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### Program Overview

Biology is the study of life and all its remarkable forms and processes. Drake University's biology program uses an inquiry-based and integrated approach throughout the curriculum. This modern approach engages students in scientific methods and research from the first year of study, giving students a jump-start on developing skills in research, critical thinking, scientific communication, and data analysis.

Coursework toward a Bachelor of Arts or Bachelor of Science in Biology exposes students to microscopic cells, complex ecosystems, and everything in between (and beyond). Drake's biology curriculum is designed to provide students with a strong foundation of biological understanding in four core subject areas. Students also can delve more deeply into disciplines of their choosing in preparation for graduate and professional programs, careers in the health sciences, or other areas in the biological sciences. We are committed to supporting all Drake students in their pursuit to better understand life on earth and build a roadway to success in their own lives after Drake.

The department's diverse and dedicated faculty provide students access to more than 50 different courses, covering biological content from molecules to ecosystems, examining microbes, invertebrates, vertebrates or plants, and covering an array of topics from ethnobotany to kinesiology, histology to animal behavior, and nature photography to experimental design and data analysis. Drake's affiliations with Iowa Lakeside Laboratory and the Gulf Coast Research Laboratory in Mississippi provides opportunities for Drake students to earn credit towards a Biology degree while taking specialized courses such as soil genesis, watershed hydrology, prairie ecology, marine biology and ecology, marine mammals and ichthyology, coastal herpetology and oceanography.

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### B.A. Degree Requirements

Students who earn a B.A. degree in biology and who meet the entrance requirements may apply to schools of medicine, dentistry, optometry, podiatry, chiropractic medicine, veterinary medicine, physical therapy, or other health related programs. Further opportunities include advanced study in graduate school or career positions



with industry, government or private agencies in biologically related fields such as biotechnology, conservation biology and resource management, food science agriculture, environmental education and forensic science.

The B.A. in Biology requires a minimum of 34 credit hours in biology which includes courses as outlined below, chemistry, physics and math courses outlined below, an average GPA of 2.0 or higher in biology courses, and at least 6 biology courses having laboratory experiences (courses with “L” designations).

Restrictions for Biology credits that can be used to fulfill the required 34 credits:

- A maximum of 16 Biology transfer credits
- BIO 015 cannot be used towards Biology degree requirements

<b>Course</b>	<b>Credits</b>
BIO 012 - General and Pre-Professional Biology I	3
BIO 012L - General and Pre-Professional Biology I Lab	1
BIO 013 - General and Pre-Professional Biology II	3
BIO 013L - General and Pre-Professional Biology II Lab	1
BIO 199 - Senior Capstone Experience	3
Select one course from each of the five core areas:	
Molecular and Cellular Processes	
BIO 105 - Introduction to Genetics	3
BIO 165 - Cell Biology	4
BIO 186 - Molecular Biology	3
Biological Diversity	
BIO 019, 019L - Introduction to Botany	4
BIO 092, 092L - Introduction to Ethnobotany	4
BIO 101, 101L - Comparative Anatomy of Vertebrates	4
BIO 103, 103L - Microbiology	5
BIO 113, 113L - Vertebrate Biology	4
BIO 123, 123L - Biology of Invertebrates	4
Systems Biology	
BIO 018, 018L - Introduction to Anatomy and Physiology	4
BIO 120, 120L - Ecosystem Ecology	4
BIO 126, 126L - Developmental Biology	4
BIO 127, 127L - Histology	4
BIO 129, 129L - Mammalian Physiology	5
Ecology/Evolution	
BIO 114, 114L - Evolution	4
BIO 117, 118L - Ecology	3, 2
BIO 125, 125L - Conservation Biology	4
BIO 152, 152L - Field Botany	4

BIO 168, 168L - Limnology	4
Career Specialization	
BIO 021 - Special Topics in Biology	1-3
BIO 024, 024L - Iowa Birds & Birding	2
BIO 025 - Animal Behavior	3
BIO 026L - Ethological Methods	3
BIO 030 - Personal Fitness and Nutrition	3
BIO 032 - Wellness and Nutrition	3
BIO 061 - Natural History Photography	3
BIO 063L - Zoo Biology	3
BIO 095 - Medical Microbiology	3
BIO 098 - Introduction to Primatology	3
BIO 104 - Virology	3
BIO 107 - Behavior Genetics	3
BIO 108 - Emerging Infectious Diseases	3
BIO 110, 110L - Iowa Natural History	2
BIO 111 - Evolved Foodways	3
BIO 115, 115L - Aquatic Biology	3
BIO 116 - Bioinformatics	3
BIO 119, 119L - Herpetology	3
BIO 121, 121L - Parasitology	5
BIO 122, 122L - Mammalogy	3
BIO 130, 130L - Ornithology	3
BIO 131, 131L - Biochemistry	4
BIO 132 - Medical Biophysics	3
BIO 133, 133L - Kinesiology	4
BIO 134, 134L - Exercise Physiology	4
BIO 138 - History of Biology	3
BIO 140 - Biological Research and Statistical Methods	4
BIO 145, 145L - Selected Topics in Biology	1-6
BIO 156 - Biology Short Course	1
BIO 167, 167L - Population and Community Ecology	4
BIO 176, 176L - Neurophysiology	4
BIO 182, 182L - Immunology	5
BIO 185 - Human Genetics	2
BIO 188L - Structural Biology	3
BIO 189 - Regulatory Biology	2
Coursework representing a dedicated experiential component to biological study or its application to society. A minimum of 2 credits required, a	

maximum of 4 credits can be applied to the total requirement of 34. Coursework indicated by an (*) is subject to approval by the Chair of Biology.	
BIO 064 - Museum Curation	1-3
*BIO 093L - Lab Assistant	1-2
BIO 106L - Research in Genetics	3
BIO 109 - Zoo/Great Ape Practicum	2
BIO 112L - Avian Winter Ecology	3
BIO 124L - Research Collaboration	1-3
BIO 135L - Foot and Ankle Research Lab	1
BIO 159 - Zoo/Great Ape Internship	3
BIO 187L - Molecular Cell Biology Lab	1-2
*BIO 193L - Senior Lab Assistant	2
BIO 195L - Advanced Molecular Life Sciences Lab	3
BIO 196 - Biology Internship	1-3
BIO 197, 197L - Undergrad Thesis Research	1-3
*BIO 198 - Independent Study	1-3
CS 065 - Introduction to Computer Science I, or BIO 140 - Biological Research and Statistical Methods, or MATH 050 - Calculus I	3 4 4
CHEM 001/003 - General Chemistry I (with lab)	4
CHEM 002/004 - General Chemistry II (with lab)	4
CHEM 097/098 - Organic Chemistry I (with lab)	4
CHEM 108/110 - Organic Chemistry II (with lab)	4
MATH 020 - College Algebra (or higher MATH course)	4
PHY 011 - General Physics I (with lab)	4
PHY 012 - General Physics II (with lab)	4

First-year students who plan to major in biology are encouraged to enroll in BIO 015 - Introduction to Biology during the fall semester of their first year. BIO 015 informs students about the Biology program and the career opportunities in biology; it does not contribute to the 34 required credit hours. Students have the responsibility to develop their program of study and review it with their faculty advisor in biology.

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## B.S. Degree Requirements

Students who earn a B.S. degree in biology and who meet the entrance requirements may apply to schools of medicine, dentistry, optometry, podiatry, chiropractic medicine, veterinary medicine, physical therapy, or other health related programs. Further opportunities include advanced study in graduate school or career positions with industry, government or private agencies in biologically related fields such as biotechnology, conservation biology and resource management, food science and agriculture, environmental education, and forensic science.

The B.S. in Biology requires a minimum of 34 credit hours in biology which includes courses as outlined below, chemistry, physics, and math courses outlined below, an average GPA of 2.0 or higher in biology courses, at least 6 biology courses having laboratory experiences (courses with “L” designations).

The B.S. degree program in Biology is designed to provide significant experience in biological research by engaging students in genuine scientific investigations similar to those students will encounter in their future careers. Additional requirements for the B.S. degree program include:

- Collaboration with a faculty advisor in a significant research investigation (minimum of two semesters)
- Research proposal submitted to the Biology department for approval before senior year
- An oral presentation to the department
- Research paper and oral presentation submitted to the department

Restrictions for Biology credits that can be used to fulfill the required 34:

- A maximum of 16 Biology transfer credits
- BIO 015 cannot be used towards Biology degree requirements

<b>Course</b>	<b>Credits</b>
BIO 012 - General and Pre-Professional Biology I	3
BIO 012L - General and Pre-Professional Biology I Lab	1
BIO 013 - General and Pre-Professional Biology II	3
BIO 013L - General and Pre-Professional Biology II Lab	1
BIO 140 - Biological Research and Statistical Methods	4
BIO 199 - Senior Capstone Experience	3
Select one course from each of the five core areas:	
Molecular and Cellular Processes	
BIO 105 - Introduction to Genetics	3
BIO 165 - Cell Biology	4
BIO 186 - Molecular Biology	3
Biological Diversity	
BIO 019, 019L - Introduction to Botany	4
BIO 092, 092L - Introduction to Ethnobotany	4
BIO 101, 101L - Comparative Anatomy of Vertebrates	4
BIO 103, 103L - Microbiology	5
BIO 113, 113L - Vertebrate Biology	4
BIO 123, 123L - Biology of Invertebrates	4
Systems Biology	
BIO 018, 018L - Introduction to Anatomy and Physiology	4
BIO 120, 120L - Ecosystem Ecology	4
BIO 126, 126L - Developmental Biology	4
BIO 127, 127L - Histology	4

BIO 129, 129L - Mammalian Physiology	5
Ecology/Evolution	
BIO 114, 114L - Evolution	4
BIO 117, 118L - Ecology	3, 2
BIO 125, 125L - Conservation Biology	4
BIO 152, 152L - Field Botany	4
BIO 168, 168L - Limnology	4
Career Specialization	
BIO 021 - Special Topics in Biology	1-3
BIO 024, 024L - Iowa Birds & Birding	2
BIO 025 - Animal Behavior	3
BIO 026L - Ethological Methods	3
BIO 030 - Personal Fitness and Nutrition	3
BIO 032 - Wellness and Nutrition	3
BIO 061 - Natural History Photography	3
BIO 063L - Zoo Biology	3
BIO 095 - Medical Microbiology	3
BIO 098 - Introduction to Primatology	3
BIO 104 - Virology	3
BIO 107 - Behavior Genetics	3
BIO 108 - Emerging Infectious Diseases	3
BIO 110, 110L - Iowa Natural History	2
BIO 111 - Evolved Foodways	3
BIO 115, 115L - Aquatic Biology	3
BIO 116 - Bioinformatics	3
BIO 119, 119L - Herpetology	3
BIO 121, 121L - Parasitology	5
BIO 122, 122L - Mammalogy	3
BIO 130, 130L - Ornithology	3
BIO 131, 131L - Biochemistry	4
BIO 132 - Medical Biophysics	3
BIO 133, 133L - Kinesiology	4
BIO 134, 134L - Exercise Physiology	4
BIO 138 - History of Biology	3
BIO 140 - Biological Research and Statistical Methods	4
BIO 145, 145L - Selected Topics in Biology	1-6
BIO 156 - Biology Short Course	1
BIO 167, 167L - Population and Community Ecology	4

BIO 176, 176L - Neurophysiology	4
BIO 182, 182L - Immunology	5
BIO 185 - Human Genetics	2
BIO 188L - Structural Biology	3
BIO 189 - Regulatory Biology	2
Coursework representing a dedicated experiential component to biological study or its application to society. A minimum of 2 credits required, a maximum of 4 credits can be applied to the total requirement of 34. Coursework indicated by an (*) is subject to approval by the Chair of Biology.	
BIO 064 - Museum Curation	1-3
*BIO 093L - Lab Assistant	1-2
BIO 106L - Research in Genetics	3
BIO 109 - Zoo/Great Ape Practicum	2
BIO 112L - Avian Winter Ecology	3
BIO 124L - Research Collaboration	1-3
BIO 135L - Foot and Ankle Research Lab	1
BIO 159 - Zoo/Great Ape Internship	3
BIO 187L - Molecular Cell Biology Lab	1-2
*BIO 193L - Senior Lab Assistant	2
BIO 195L - Advanced Molecular Life Sciences Lab	3
BIO 196 - Biology Internship	1-3
BIO 197, 197L - Undergrad Thesis Research	1-3
*BIO 198 - Independent Study	1-3
CHEM 001/003 - General Chemistry I (with lab)	4
CHEM 002/004 - General Chemistry II (with lab)	4
CHEM 097/098 - Organic Chemistry I (with lab)	4
CHEM 108/110 - Organic Chemistry II (with lab)	4
MATH 020 - College Algebra (or higher MATH course)	4
PHY 011 - General Physics I (with lab)	4
PHY 012 - General Physics II (with lab)	4

First-year students who plan to major in biology are encouraged to enroll in BIO 015 - Introduction to Biology during the fall semester of their first year. BIO 015 informs students about the Biology program and the career opportunities in biology; it does not contribute to the 34 required credit hours. Students have the responsibility to develop their program of study and review it with their faculty advisor in biology.

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### Biology Minor

A minor in biology is designed to provide students with a broad background in biology while allowing them the flexibility to explore courses of interest.

- Completion of 20 credit hours in biology is required, which must include at least three biology laboratory courses (courses with "L" designation), and
  - 8 credits of Biology courses numbered 100 or higher, and
  - A minimum grade-point average of 2.00 must be achieved, and
  - Credit/no-credit courses may not be used for the minor.
  - The program for the biology minor must be approved by the chair of the Biology department.
-

## Chemistry

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Chemistry (
- Bachelor of Science (B.S.) with a major in Chemistry
- Chemistry minor

Chemistry department web site ([www.drake.edu/chemistry/](http://www.drake.edu/chemistry/))

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### Program Overview

The chemistry major provides a solid foundation of scientific knowledge and experimental skills in a setting that emphasizes current developments in chemistry and experience with modern instruments and laboratory techniques. A chemistry degree prepares students for graduate school in chemistry and related fields such as biochemistry, molecular biology, medicinal chemistry, and pharmaceutical, forensic and environmental science. The major also prepares students for careers in governmental laboratories and industry. Many of Drake's chemistry alumni have earned graduate degrees in chemistry, physics or medicine while many others have taken rewarding jobs in industry, government and academic institutions.

The Chemistry department believes that undergraduate research plays a major role in developing critical thinking, practical expertise and independence and helps create a sense of community among faculty and students. Participation in a research project is a requirement for a chemistry degree. The chemistry faculty has research expertise in analytical chemistry, biochemistry, inorganic chemistry, organic chemistry and physical chemistry.

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### B.A. Degree Requirements

The Bachelor of Arts program is designed for students who need undergraduate training in chemistry in preparation for professional careers other than chemistry. The Bachelor of Science program is also open to those students.

Course	Credits
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3
CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1
CHEM 081 - Quantitative Chemical Analysis	4
CHEM 097 - Organic Chemistry I	3
CHEM 098 - Organic Chemistry I Lab	1



CHEM 108 - Organic Chemistry II	3
CHEM 110 - Organic Chemistry II Lab	1
Requirements I - <i>Select one course from the following:</i>	
CHEM 161 - Biophysical Chemistry	4
CHEM 165 - Physical Chemistry	4
CHEM 182 - Advanced Analytical Chemistry	4
Requirements II - (Note: for students who double-major in chemistry and another discipline, the advanced class must be selected from outside the students' second major's requirements. For example, for students who double-major in physics and chemistry, the advanced class should not be a physics major requirement, although it can be a physics major elective.) <i>Select 4 credits from the following:</i>	
CHEM 130 - Biochemistry	3
CHEM 131 - Biochemistry Lab	1
CHEM 155 - Advanced Organic Chemistry	4
CHEM 161 - Biophysical Chemistry	4
CHEM 165 - Physical Chemistry	4
CHEM 180 - Advanced Inorganic Chemistry	4
CHEM 182 - Advanced Analytical Chemistry	4
CHEM 190 - Integrated Chemistry Topics	4
Other advanced courses with a strong chemical component as approved by the chemistry department	
CHEM 197 - Senior Seminar I	1
CHEM 198 - Senior Seminar II	1
Total	30

Supplementary courses: B.A. chemistry majors must take one semester of physics and MATH 50 - Calculus, unless you choose CHEM 166, for which Calculus up to and including MATH 100 is recommended.

## B.S. Degree Requirements

Students preparing for graduate study or a professional career in chemistry should pursue the ACS-approved Bachelor of Science program.

Course	Credits
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3
CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1
CHEM 061 - Inorganic Chemistry	3

CHEM 081 - Quantitative Chemical Analysis	4
CHEM 097 - Organic Chemistry I	3
CHEM 098 - Organic Chemistry I Lab	1
CHEM 108 - Organic Chemistry II	3
CHEM 110 - Organic Chemistry II Lab	1
CHEM 130 - Biochemistry	3
CHEM 131 - Biochemistry Lab	1
CHEM 148 - Undergraduate Research	1-3
CHEM 165 - Physical Chemistry	4
Chemistry electives - <i>Select at least 12 credits from the following:</i>	
CHEM 132 - Advanced Biochemistry	3
CHEM 133 - Advanced Biochemistry Lab	1
CHEM 155 - Advanced Organic Chemistry	4
CHEM 166 - Intermediate Physical Chemistry	4
CHEM 170 - Intro to Computational Chemistry	3-4
CHEM 180 - Advanced Inorganic Chemistry	4
CHEM 182 - Advanced Analytical Chemistry	4
CHEM 190 - Integrated Chemistry Topics	1-3
Other advanced courses with a strong chemical component as approved by the chemistry department	
CHEM 195 - Junior Seminar I	1
CHEM 196 - Junior Seminar II	1
CHEM 197 - Senior Seminar I	1
CHEM 198 - Senior Seminar II	1
MATH 050 - Calculus I	4
MATH 070 - Calculus II	4
PHY 011 - General Physics I (with lab)	4
PHY 012 - General Physics II (with lab)	4
Total	66

Supplementary Courses: B.S. chemistry majors must take MATH 050 - Calculus I, MATH 070 - Calculus II, and one year of physics. MATH 100 - Calculus III is recommended for students taking CHEM 166.

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### Chemistry Minor

The chemistry minor provides a broad and general exposure to the traditional areas of the chemical science.

A minor in chemistry may be earned by completing 32 credit hours in the following sequence of chemistry courses:

<b>Course</b>	<b>Credits</b>
CHEM 001 and 003 - General Chemistry I (with lab)	4
CHEM 002 and 004 - General Chemistry II (with lab)	4
CHEM 081 - Quantitative Chemical Analysis	4
CHEM 097 and 098 - Organic Chemistry I (with lab)	4
CHEM 108 and 110 - Organic Chemistry II (with lab)	4
<i>Select one course from the following:</i>	
CHEM 130 and 131 - Biochemistry (with lab)	4
CHEM 155 - Advanced Organic Chemistry	4
CHEM 161 - Biophysical Chemistry	4
CHEM 165 - Physical Chemistry	4

Supplementary courses: Students who wish to minor in chemistry must take one semester of physics and MATH 050 - Calculus I.

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## Computer Science

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Computer Science
- Bachelor of Science (B.S.) with a major in Computer Science
- Computer Science minor

Mathematics and Computer Science department web site ([www.drake.edu/mathcs/](http://www.drake.edu/mathcs/))

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### Program Overview

The major in Computer Science enables a student to develop an understanding of the theory and practice of computing within the context of a liberal arts and sciences education.

In addition to computer programming, majors in computer science study computer languages, logic, data structures, and applications of computing. The art and science of problem-solving are emphasized.

Students who desire a more scientific emphasis will complete the College of Arts and Sciences requirements for a B.S. degree; the computer science requirements for the B.A. and B.S. degrees are the same.

All programs are to be planned in careful consultation with a departmental advisor and be approved by that advisor.

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### B.A. Degree Requirements

The Bachelor of Arts degree is intended for students who desire less of a scientific emphasis. Students who desire more of a scientific emphasis should consider the Bachelor of Science degree. All programs are to be planned in careful consultation with a departmental advisor and be approved by that advisor.

Course	Credits
Core Courses	23
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 130 - Computer Organization and Assembly Language Programming	3
CS 135 - Programming Languages	3
CS 137 - Data Structures <i>or</i> CS 139 - Theory of Computation	3
CS 191 - The Capstone Course	3
MATH 050 - Calculus I	4

MATH 054 - Discrete Mathematics, or MATH 101 - Mathematical Reasoning	3
Upper Division Component	18
Computer Science Upper Division Component - 12 hours from the following:	12
Other computer science courses numbered 100 or above, excluding CS 140, the tutoring course, and the Capstone course	
IS 145 - Website Technology	
IS 150 - Network Management	
IS 160 - Database Management	
Additional Upper Division Component - 6 hours from the following:	6
Other computer science courses numbered 100 or above, excluding CS 140, the tutoring course, and the Capstone course	
IS 145 - Website Technology	
IS 150 - Network Management	
IS 160 - Database Management	
Upper-division courses in mathematics, statistics, actuarial science, or quantitative methods <i>(MATH 101 and CS 114 may not both be counted for the major)</i>	
<i>(Neither MATH 140, CS 140, CS 190, the tutoring course, nor the MATH/CS Capstone courses may not be counted)</i>	
Total	43

## B.S. Degree Requirements

The Bachelor of Science degree is intended for students who desire more of a scientific emphasis. Students who desire less of a scientific emphasis should consider the Bachelor of Arts degree. All programs are to be planned in careful consultation with a departmental advisor and be approved by that advisor.

Course	Credits
Core Courses	23
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 130 - Computer Organization and Assembly Language Programming	3
CS 135 - Programming Languages	3
CS 137 - Data Structures <i>or</i> CS 139 - Theory of Computation	3
CS 191 - The Capstone Course	3
MATH 050 - Calculus I	4
MATH 054 - Discrete Mathematics, or MATH 101 - Mathematical Reasoning	3
Upper Division Component	18
<i>Computer Science Upper Division Component - Select 12 hours from the following:</i>	12

Other computer science courses numbered 100 or above, excluding CS 140, the tutoring course, and the Capstone course	
IS 145 - Website Technology	
IS 150 - Network Management	
IS 160 - Database Management	
<i>Additional Upper Division Component - Select 6 hours from the following:</i>	6
Other computer science courses numbered 100 or above, excluding CS 140, the tutoring course, and the Capstone course	
IS 145 - Website Technology	
IS 150 - Network Management	
IS 160 - Database Management	
Upper-division courses in mathematics, statistics, actuarial science, or quantitative methods <i>(MATH 101 and CS 114 may not both be counted for the major)</i>	
<i>(Neither MATH 140, CS 140, CS 190, the tutoring course, nor the MATH/CS Capstone courses may not be counted)</i>	
<b>Total</b>	<b>43</b>

### Computer Science Minor

Students who choose a minor in computer science must have a departmental minor advisor and complete a minimum of 21 hours of computer science and related courses.

<b>Course</b>	<b>Credits</b>
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 130 - Computer Organization and Assembly Language Programming	3
CS 135 - Programming Languages	3
Two additional upper-division computer science courses (excluding CS 140 - the tutoring course, and the Capstone course), <i>or</i> IS 145 - Website Technology, IS 150 - Network Management, <i>or</i> IS 160 - Database Management	
MATH 054 - Discrete Mathematics	3
<i>Completion of MATH 080 - Linear Algebra is strongly recommended and is a prerequisite for CS 147 - Computer Graphics, CS 150 - Discrete Structures, and CS 165 - Introduction to Numerical Analysis</i>	
<b>Total</b>	<b>21</b>

## Data Analytics

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Science (B.S.) with a major in Data Analytics, offered by the College of Arts and Sciences
- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Data Analytics, offered by the College of Business and Public Administration
- Data Analytics minor

Data Analytics web site ([www.drake.edu/analytics/](http://www.drake.edu/analytics/))

Mathematics and Computer Science department web site ([www.drake.edu/mathcs/](http://www.drake.edu/mathcs/))

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### Program Overview

Data Analytics is a joint program of the College of Business and Public Administration and the College of Arts and Sciences designed to develop analysts who can work with data to uncover practical insights and support sound and ethical decision-making. The foundation of the program is a core of computer science and statistics classes that build problem-solving skills. Each student also takes two elective courses.

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### Requirements for Major

The requirements below apply to the B.S. Data Analytics major within the College of Arts & Sciences. See the Business and Public Administration section for the requirements for the Bachelor of Science in Business Administration (B.S.B.A.) Data Analytics major within the College of Business and Public Administration.

Course	Credits
<i>Core Requirements</i>	
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 083 - Computer Ethics	3
CS 167 - Machine Learning	3
CS 178 - Data Visualization, Non-relational Databases, and Cloud Computing	3
IS 044 - Microsoft Office Tools for Business Analysis	3
IS 160 - Database Management	3
MATH 050 - Calculus I	4
MATH 070 - Calculus II	4
STAT 040 - Introduction to R and SAS	3

STAT 072 - Statistics II	3
STAT 130 - Probability for Analytics	3
STAT 170 - Statistical Modeling and Data Analysis II	3
STAT 172 - Data Analysis: Generalized Linear Models and Data Mining	3
CS/STAT 190 - Capstone: Case Studies in Data Analytics and Big Data	3
<i>Electives - choose two courses from the following</i>	
BIO/CS 116 - Bioinformatics	3
CS 137 - Data Structures and Algorithms	3
CS 143 - Artificial Intelligence	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	4
MATH 120 - Applied Differential Equations I	3
MATH 121 - Applied Differential Equations II	3
MATH 125 - Mathematical Modeling	3
MATH 127 - Game Theory	3
MATH/CS 165 - Numerical Methods	3
MATH 176 - Advanced Linear Algebra	3
STAT 135 - Mathematical Statistics	3

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### Data Analytics Minor

<b>Course</b>	<b>Credits</b>
CS 065 - Introduction to Computer Science I	3
CS 167 - Machine Learning	3
IS 044 - Microsoft Office for Business Analytics	2
IS 160 - Database Management	3
STAT 040 - Introduction to R and SAS	3
STAT 071 - Statistics I, or ACTS 131 - Introduction to Probability I and Lab	3
STAT 072 - Statistics II, or ACTS 135 - Mathematical Statistics	3
<b>TOTAL</b>	<b>20</b>





## Economics

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Economics
- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Economics
- Economics joint major
- Economics minor

Economics department web site ([www.drake.edu/economics/](http://www.drake.edu/economics/))

Note: Although the Economics major is an option for the Bachelor of Arts degree within the College of Arts & Sciences, the Economics Department is housed within the College of Business and Public Administration.

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### Program Overview

The economics program offers the opportunity to study prices, markets, and incentives (microeconomics) and economic growth and business cycles (macroeconomics).

The economics major provides preparation both for students planning to enter the world of work directly after Drake and for students planning to attend professional or graduate school. The B.S.B.A program prepares students well for the job market. Both the B.A. and the B.S.B.A. programs prepare students well for professional study in law, business, or public administration because economics is an important analytical tool used in these professions. Students interested in graduate study in economics or a closely-related field (finance, public policy, international relations) will need more math and statistics than the regular economics major provides and should consider the quantitative economics major.

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### Requirements for Economics Major

The economics major requires 30 credits of economics, 3 credits of mathematics, and 6 credits of statistics.

Course	Credits
ECON 002 - Principles of Microeconomics	3
ECON 010 - Principles of Macroeconomics	3
ECON 170 - Introduction to Econometrics	3
ECON 173 - Intermediate Microeconomic Analysis	3
ECON 174 - Intermediate Macroeconomic Analysis	3
ECON 190 - Seminar in Economics	3
Four additional economics courses numbered 100 or above	12

MATH 028 - Business Calculus, or MATH 050 - Calculus I	3 4
STAT 071 - Statistics I	3
STAT 072 - Statistics II	3

All candidates must also satisfy the requirements of the [Drake Curriculum](https://www.drake.edu/dc/) (<https://www.drake.edu/dc/>) and complete nine additional hours outside the College of Business and Public Administration. The Economics Faculty particularly recommend advanced courses in history, sociology, philosophy, and political science.

Additional Requirements for the Bachelor of Science in Business Administration (B.S.B.A.) Degree

In addition to the requirements above, B.S.B.A candidates must complete the required business core curriculum, including BUS 195 as the Capstone.

### Requirements for Economics Minor

The economics minor requires 18 credits of economics and 3 credits of mathematics.

Candidates for the minor in economics must complete the following courses:

Course	Credits
ECON 002 - Principles of Microeconomics	3
ECON 010 - Principles of Macroeconomics	3
ECON 173 - Intermediate Microeconomic Analysis, or ECON 174 - Intermediate Macroeconomic Analysis	3 3
Three additional economics courses numbered 100 or above	12
MATH 028 - Business Calculus, or MATH 050 - Calculus I	3 4

It is recommended that candidates for the minor complete both ECON 173 and ECON 174. The second course counts toward the three additional 100-level courses.

### Economics Joint Major

A joint major in Economics and a business subject is available to students in the College of Business and Public Administration. The requirements for the joint major are the same as the regular Economics major except that only two additional courses numbered 100 or above are required.

## English

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here: www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

[Bachelor of Arts \(B.A.\)](#) with a major in English

[English minor](#)

[English department web site](http://www.drake.edu/english/) (www.drake.edu/english/)

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### Program Overview

The program in English is committed to establishing a habit of lifelong learning that emphasizes the relationship of reading, writing and critical thinking. Our students:

- Learn to read and write texts in a variety of modes and genres. They read and write imaginatively, critically, analytically, and interpretively, with close attention to detail, and they situate their reading and writing within established and contested historical, cultural, critical, and literary traditions. They understand that reading and writing are deeply inter-related activities, whether their major emphasizes the production or the reception of texts.
- Think, read, and write collaboratively, sharing their work with others and drawing on their individual and collective knowledge, experience, wisdom, understanding, and background to advance their learning. They become adept at working creatively and effectively with others, through dialogue, debate, and critique.
- Come to English and writing from a broad range of backgrounds, with a variety of beliefs, motivations, and tastes, to pursue a broad range of personal, professional, and expressive goals. Our faculty are co-learners with our students, taking active part in the challenging and rewarding practices of critical literacy and creative writing.
- Develop into culturally aware users of language, attuned to the way language and the variety of meanings to which it gives rise change and respond to contemporary developments, including the political, social, technological, and aesthetic. They learn to question and reflect on these changes and to adapt their readerly and writerly sensibilities to address them.
- Develop the desire to better understand themselves and their world through language, as exploratory writers and inquisitive readers. They are able to achieve that understanding by using language in critical and imaginative ways to advance their learning throughout their lives.
- Become reflective and informed readers, able to generate and pursue complex questions of language's meanings and uses. By focusing on textual details in relation to larger questions of form, purpose, and context, our students are able to articulate well-reasoned understandings of the language they encounter.
- Learn to take pleasure in the play of language and other representational, symbolic systems of thought and expression. They value novelty and experimentation, both in their critical and writerly endeavors, and become adept at seeing and pursuing opportunities for playful engagement with language and meaning.
- Contend with ambiguity and respond meaningfully and responsibly to changes in the way language functions, whether in its literary or everyday manifestations.
- Develop the critical and creative wherewithal to recognize that language and representation are complex and important, wherever they manifest themselves. They are able to use the critical and creative approaches for thinking about film, drama, new media, novels, stories, poems, and other literary artifacts

to analyze and reflect on symbolic representation of all kinds, from popular music to painting to political discourse and beyond.

Our courses involve students in a range of activities, including discussions (in class and online), collaborative projects, conferences, presentations, independent study, internships, and service learning.

The English Department is committed to supporting interdisciplinary programs and encourages students to pursue interdisciplinary concentrations, second majors and/or minors. A number of the Department's courses are cross-listed with interdisciplinary programs, facilitating such study. In addition, the English major permits students to include related courses taken outside the department for credit toward their program of study, subject to approval by the student's English Department adviser.

Our graduates pursue professional careers in such fields as professional writing, editing, advertising, publishing, education, management, computers, public relations and public service, or pursue post-baccalaureate study in English studies, law school or medical school. Students contemplating graduate study should confer with their advisers about special preparation and should be aware that many graduate schools typically expect proof of competence in foreign languages. Students interested in pursuing careers in primary or secondary education can obtain certification by completing the appropriate professional courses in teacher education.

#### B.A. Degree Requirements

The English major requires 12 courses: at least 5 at the lower division and at least 6 at the upper division. The English major allows for 3 electives, 2 of which must be 100-level courses. An English course may be used only once to fulfill a particular major requirement. Transfer students majoring in English must take at least 6 courses in English at Drake. Students with advanced placement (A.P.) will be credited one lower-level elective toward the major.

<b>Course</b>	<b>Credits</b>
<b>Lower Division Core</b>	
Gateway	
ENG 038 - Literary Study	4
ENG 039 - Writing Seminar	4
<b>History and Traditions</b>	
Any ENG course numbered 040-059	3-4
<b>Culture and Identity</b>	
Any ENG course numbered 060-079	3-4
<b>Writing: Topics and Genres</b>	
Any ENG course numbered 080-099	3-4
<b>Upper Division - Select a track and complete nine hours from within one track.</b>	
<b>History and Traditions</b>	
ENG 104 - History of English Language	3
ENG 124 - Advanced Topics in History and Tradition	3
ENG 126 - Film/TV History and Criticism	3

ENG 130 - Studies in Literary Genres	3
ENG 131 - Major Historical Figures (Before 1900)	3
ENG 132 - Dickens in London	3
ENG 133 - Major Contemporary Figures (Since 1900)	3
ENG 134 - Transatlantic Landscapes	3
ENG 140 - Shakespeare: Texts and Contexts	3
ENG 142 - Advanced Topics in Early English Texts (to 1500)	3
ENG 143 - Advanced Topics in Early Modern Texts (1500-1780)	3
ENG 146 - 19th Century British Literature	3-5
ENG 150 - Poetry and Society 1720-1920	3
ENG 151 - Colonial American Literature	3
ENG 152 - 19th Century American Literature	3
ENG 166 - Literature of War	3
ENG 169 - Theories of Myth and Archetypes	3
Theory and Criticism	
ENG 102 - Structure of Modern American English	3
ENG 104 - History of English Language	3
ENG 109 - Prose Stylistics	3
ENG 111 - Reading/Writing Personal Essay	3
ENG 112 - Autobiography and Memoir	3
ENG 123 - Advanced Topics in Theory and Criticism	3
ENG 126 - Film/TV History and Criticism	3
ENG 130 - Studies in Literary Genres	3
ENG 141 - Advanced Topics in Irish Literature	3
ENG 147 - 20th Century British Literature	3
ENG 149 - Contemporary British Literature	3
ENG 155 - 20th Century American Literature	3
ENG 156 - Contemporary American Literature	3
ENG 158 - South African Literature	3
ENG 163 - Trans-Cultural Literature	3
ENG 164 - Latino/a Literature	3
ENG 165 - Postcolonial Literature	3
ENG 166 - Literature of War	3
ENG 168 - Storytelling as a Social Practice	3
ENG 169 - Theories of Myth and Archetypes	3
ENG 171 - Teaching Writing: Theory and Practice	3
ENG 172 - Teaching Tutorial Writing	3

ENG 173 - Critical Theory	3
ENG 174 - Theories of Language and Discourse	3
ENG 178 - Topics in Multicultural Literature	3
Film, Drama, and New Media	
ENG 116 - Creative Writing for New Media	3
ENG 125 - Advanced Topics in Culture and Identity	3
ENG 126 - Film/TV History and Criticism	3
ENG 127 - Advanced Topics in New Media	3
ENG 128 - Advanced Topics in Drama	3
ENG 129 - Advanced Topics in Film	3
ENG 137 - Critical Theory	3
ENG 140 - Shakespeare: Texts/Contexts	3
ENG 173 - Critical Theory	3
Culture and Identity	
ENG 125 - Advanced Topics in Culture and Identity	3
ENG 135 - Adolescent Literature	3
ENG 136 - Adolescence and American Fiction	3
ENG 141 - Advanced Topics in Irish Literature	3
ENG 142 - Advanced Topics in Early English Texts (to 1500)	3
ENG 143 - Advanced Topics in Early Modern Texts (1500-1780)	3
ENG 146 - 19th Century British Literature	3-5
ENG 147 - 20th Century British Literature	3
ENG 149 - Contemporary British Literature	3
ENG 152 - 19th Century American Literature	3
ENG 155 - 20th Century American Literature	3
ENG 156 - Contemporary American Literature	3
ENG 158 - South African Literature	3
ENG 163 - Trans-Cultural Literature	3
ENG 164 - Latino/a Literature	3
ENG 165 - Postcolonial Literature	3
ENG 168 - Storytelling as a Social Practice	3
Electives - <i>Courses may be taken outside of the department with advisor approval. Up to six individual experience hours (internship, independent study, or portfolio) may be counted as electives. Nine upper-division elective hours may be used to fulfill a second track. Consult the course lists above four courses that fulfill requirements for each of the specific tracks.</i>	
One ENG course numbered 020-099	3-4

At least six hours of ENG courses numbered 100 or higher	6
<b>Capstone</b>	
ENG 195 - Capstone in English and Writing, or	3
ENG 197 - Capstone in English	
<b>TOTAL</b>	<b>38-41</b>

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### English Minor

Students who wish to complement their degrees in other areas of study, to pursue personal interests in critical reading and creative writing, and to provide employers or graduate schools with supplementary credentials in writing or English can choose a six-course minor. Students majoring in writing may not minor in English; students may not double-minor in English and writing.

<b>Course</b>	<b>Credits</b>
ENG 038 - Literary Study	4
ENG 039 - Writing Seminar	4
Lower Division Electives - <i>Select two ENG courses numbered 020-099</i>	6-8
Upper Division Electives - <i>Select two ENG courses numbered 100 or higher</i>	6
<b>TOTAL</b>	<b>20-22</b>

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## Environmental Science

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here: www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

[Bachelor of Arts \(B.A.\)](#) with a major in Environmental Science

[Bachelor of Science \(B.S.\)](#) with a major in Environmental Science

[Environmental Science minor](#)

[Comparative Animal Behavior concentration](#)

[Zoo and Conservation Science concentration](#)

[Environmental Science and Sustainability department web page](http://www.drake.edu/enss/) (www.drake.edu/enss/)

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### Program Overview

This interdisciplinary science degree prepares students in a liberal arts tradition to understand connections between human beings and their effects on the Earth's environment. Drake environmental science students are grounded in the natural sciences disciplines while also acquiring the ability to synthesize information across disciplines. Students develop technical and quantitative skills including laboratory and field methods, statistical analysis and the implementation of geographic information systems (GIS). Courses in the social sciences such as economics, politics, policy and ethics provide an important link to the human element associated with environmental issues. Graduates of the program will be well prepared to undertake graduate study in diverse fields of environmental sciences, as well as to work in governmental and nongovernmental capacities on environmental issues.

Field work is a key component of this degree, featured in biology, geology and environmental classes. Iowa's central location in the nation allows students to experience a diversity of ecosystems and human communities during frequently offered weekend and summer field trips. The program also connects students with ongoing environmental projects (for example an 8,000-acre prairie restoration project including bison and elk at the Neal Smith National Wildlife Refuge, 20 miles east of campus), with offerings at Iowa Lakeside Laboratory in Milford, Iowa (a biological field station), and with semester-long marine science experiences at the University of Southern Mississippi's Gulf Coast Research Laboratory in Ocean Springs, Mississippi.

Drake's environmental science major is distinguished by its strong focus on interdisciplinary study, emphasis on field experiences, opportunities for research and independent study, and service learning approach in the Senior Capstone experience.

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### B.A. Degree Requirements

At least 25 credits in this major will include courses not counted towards another major or minor.

#### *Environmental Science: Aquatic and Earth Science Track*

Course	Credits
Core Curriculum	
ENSS 035 - One Earth: Global Environmental Science	3
ENSS 036 - One Earth: Global Environmental Science Lab	1

ENSS 037 - Environmental Case Analysis	3
ENSS 041 - Principles of Geology	4
ENSS 061 - Environmental Sociology	3
ENSS 065 - Geographic Information Systems	3
ENSS 162 - Global Biogeochemical Cycles	3
Introduction to Physical Science - <i>Chose one of the following sequences:</i>	
CHEM 001, 002, 003, and 004 - General Chemistry I and II (with lab), or	8
PHY 001 and 002 - Introduction to Physics I and II (with lab), or	8
PHY 011 and 012 - General Physics I and II (with lab)	8
Outcome Areas - <i>Take two courses in each of the following outcome areas. Any course may count toward only one outcome.</i>	
Interdisciplinary Science - <i>Select two courses from the following:</i>	
ENSS 054 - Environmental Communication	3
ENSS 111 - International Environmental Seminar	3-4
ENSS 125 - Conservation Biology*	4
ENSS 127 - Endangered Species Conservation	3
ENSS 135 - Global Climate Change	3
ENSS 138 - Water Resources Policy	3
ENSS 150 - Advanced Topics (with advisor approval)	0-4
Quantitative Analysis - <i>Select two courses from the following:</i>	
BIO 140 - Biology Research and Statistical Methods	3
CHEM 081 - Quantitative Chemical Analysis	3
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 162 - Hydrology	3
ENSS 168 - Dynamic Environmental Models	3
MATH 050 - Calculus I (or higher)	4
PHY 025 - Special Topics (or higher)	3
Physical Science - <i>Select two courses from the following:</i>	
CHEM 081 - Quantitative Chemical Analysis	3
CHEM 097 - Organic Chemistry I (or higher)	3
ENSS 135 - Global Climate Change	3
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 162 - Hydrology	3
PHY 025 - Special Topics (or higher)	3
Systems Science - <i>Select two courses from the following:</i>	
BIO 117 - Ecology	3
BIO 120 - Ecosystem Ecology	3
BIO 168/168L - Limnology (with lab)	4
ENSS 111 - International Environment Seminar	3-4

ENSS 119 - Regional Ecology	3
ENSS 125 - Conservational Biology	4
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 168 - Dynamic Environmental Models	3
Professional Skills - <i>Select two courses from the following:</i>	
BIO 140 - Biology Research and Statistical Methods	3
BIO 168/168L - Limnology (with lab)	4
CHEM 081 - Quantitative Chemical Analysis	3
CHEM 097 - Organic Chemistry I (or higher)	3
ENSS 101 - Restoration Ecology Practicum	1-3
ENSS 115 - Environmental Field Course	0-6
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 162 - Hydrology	6
ENSS 165 - Advanced GIS	3
ENSS 168 - Dynamic Environmental Models	3
ENSS 196 - Environmental Internship	1-4
ENSS 191 - Capstone	3
TOTAL	62

*Environmental Science: Biological Conservation Track*

Course	Credits
Core Curriculum	
ENSS 035 - One Earth: Global Environmental Science	3
ENSS 036 - One Earth: Global Environmental Science Lab	1
ENSS 037 - Environmental Case Analysis	3
ENSS 041 - Principles of Geology	3
ENSS 042 - Principles of Geology Lab	1
ENSS 061 - Environmental Sociology	3
ENSS 065 - Geographic Information Systems	3
Life Science Base	
BIO 012/012L - General/Pre-Professional Biology I (with lab)	4
BIO 013/013L - General/Pre-Professional Biology II (with lab)	4
BIO 117/118L - Ecology (with lab)	5
BIO 140 - Biology Research and Statistical Methods, or STAT 060 - Statistics for the Life Sciences	4 3
CHEM 001/003 - General Chemistry I (with lab)	4
Outcome Areas - <i>Select two courses in each of the following outcome areas. Any course may count toward only one outcome.</i>	
Field and Lab Skills	
ENSS 026 - Ethological Methods	3

ENSS 101 - Restoration Ecology Practicum	3
ENSS 111 - International Seminar	3
ENSS 115 - Environmental Field Course	3
ENSS 119 - Regional Ecology	3
ENSS 125 - Conservation Biology*	4
ENSS 150 - Advanced Topics (with advisor approval)	3
ENSS 165 - Advanced GIS	3
BIO 120/120L - Ecosystem Ecology	4
BIO 145/145L - Selected Topics in Biology (with advisor approval)	3
BIO 152/152L - Field Botany	4
BIO 168/168L - Limnology (with lab)	4
Research Literacy	
ENSS 111 - International Seminar	3
ENSS 115 - Environmental Field Course	3
ENSS 119 - Regional Ecology	3
ENSS 127 - Endangered Species Conservation*	3
ENSS 128 - Zoo Biology	3
ENSS 150 - Advanced Topics (with advisor approval)	3
ENSS 154 - Environmental Decisionmaking	3
ENSS 168 - Dynamic Environmental Models	3
BIO 025 - Animal Behavior	3
BIO 120/120L - Ecosystem Ecology	4
BIO 145/145L - Selected Topics in Biology (with advisor approval)	3
BIO 167/167L - Population Ecology	4
BIO 168/168L - Limnology (with lab)	4
Taxon Expertise	
ENSS 109 - Zoo/Great Ape Practicum	2
ENSS 111 - International Seminar	3
ENSS 115 - Environmental Field Course	3
ENSS 119 - Regional Ecology	3
ENSS 150 - Advanced Topics (with advisor approval)	3
ENSS 159 - Zoo/Great Ape Internship	3
BIO 019/019L - Botany	4
BIO 098 - Introduction to Primatology	3
BIO 112L - Avian Winter Ecology	3
BIO 119/119L - Herpetology	3
BIO 122/122L - Mammalogy	3
BIO 130/130L - Ornithology	3

BIO 145/145L - Selected Topics in Biology (with advisor approval)	3
BIO 152/152L - Field Botany	4
Managing Biodiversity	
ENSS 101 - Restoration Ecology Practicum	3
ENSS 111 - International Seminar	3
ENSS 115 - Environmental Field Course	3
ENSS 119 - Regional Ecology	3
ENSS 125 - Conservation Biology*	4
ENSS 127 - Endangered Species Conservation*	3
ENSS 128 - Zoo Biology	3
ENSS 135 - Global Climate Change*	3
ENSS 138 - Water Resources Policy*	3
ENSS 150 - Advanced Topics (with advisor approval)	3
ENSS 168 - Dynamic Environmental Models	3
BIO 145/145L - Selected Topics in Biology (with advisor approval)	3
Science-Policy Integration - <i>Select six ENSS credits from courses advisor-approved courses that combine significant conservation-related content within the context of important discussions in the policy realm. Students may complete this requirement using courses that fulfill programmatic learning outcomes (marked with an "*").</i>	6
ENSS 191 - Capstone	3
TOTAL	63

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## B.S. Degree Requirements

The B.S. degree program is designed to provide significant experience in research. Students will become collaborators with faculty and contribute to all aspects of a research project from proposal and hypothesis formation to data analysis, interpretation and presentation. The research typically occurs at Drake University with Drake faculty, but it could also be completed during an off-campus experience with a non-Drake adviser (e.g., study abroad, local workplaces). Off-campus research still requires an ENS faculty adviser (through enrollment in ENSS 197).

Additional requirements for the B.S. degree:

- Collaboration with a faculty advisor in a significant research project (minimum of 2 semesters)
- Research proposal submitted to the ENS program and approved before your senior year
- BIO 140 - Biological Research and Statistical Methods, or its advisor-approved equivalent
- A minimum of 2 credits of ENSS 197 - Undergraduate Thesis Research
- Oral presentation of the research to ENS faculty and students
- Research paper and a copy of the presentation submitted to the ENS program

Students planning to complete a B.S. in ENS should obtain a copy of the full description of the B.S. requirements from their advisor or the program director by their sophomore year.

*Environmental Science: Aquatic and Earth Science Track*

<b>Course</b>	<b>Credits</b>
Core Curriculum	
ENSS 035 - One Earth: Global Environmental Science	3
ENSS 036 - One Earth: Global Environmental Science Lab	1
ENSS 037 - Environmental Case Analysis	3
ENSS 041 - Principles of Geology	4
ENSS 061 - Environmental Sociology	3
ENSS 065 - Geographic Information Systems	3
ENSS 162 - Global Biogeochemical Cycles	3
Introduction to Physical Science - <i>Chose one of the following sequences:</i>	
CHEM 001, 002, 003, and 004 - General Chemistry I and II (with lab), or	8
PHY 001 and 002 - Introduction to Physics I and II (with lab), or	8
PHY 011 and 012 - General Physics I and II (with lab)	8
Outcome Areas - <i>Take two courses in each of the following outcome areas. Any course may count toward only one outcome.</i>	
Interdisciplinary Science - <i>Select two courses from the following:</i>	
ENSS 054 - Environmental Communication	3
ENSS 111 - International Environmental Seminar	3-4
ENSS 125 - Conservation Biology	4
ENSS 127 - Endangered Species Conservation	3
ENSS 135 - Global Climate Change	3
ENSS 138 - Water Resources Policy	3
ENSS 150 - Advanced Topics (with advisor approval)	0-4
Quantitative Analysis - <i>Select two courses from the following:</i>	
BIO 140 - Biostatistics	3
CHEM 081 - Quantitative Chemical Analysis	3
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 162 - Hydrology	3
ENSS 168 - Dynamic Environmental Models	3
MATH 050 - Calculus I (or higher)	4
PHY 025 - Special Topics (or higher)	3
Physical Science - <i>Select two courses from the following:</i>	
CHEM 081 - Quantitative Chemical Analysis	3
CHEM 097 (or higher)	3
ENSS 135 - Global Climate Change	3
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 162 - Hydrology	3
PHY 025 (or higher)	3

Systems Science - <i>Select two courses from the following:</i>	
BIO 117 - Ecology	3
BIO 120 - Ecosystem Ecology	3
BIO 168/168L - Limnology (with lab)	4
ENSS 111 - International Environment Seminar	3-4
ENSS 119 - Regional Ecology	3
ENSS 125 - Conservational Biology	4
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 168 - Dynamic Environmental Models	3
Professional Skills - <i>Select two courses from the following:</i>	
BIO 140 - Biostatistics	3
BIO 168/168L - Limnology (with lab)	4
CHEM 081 - Quantitative Chemical Analysis	3
CHEM 097 (or higher)	3
ENSS 101 - Restoration Ecology Practicum	1-3
ENSS 115 - Environmental Field Course	0-6
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 162 - Hydrology	6
ENSS 165 - Advanced GIS	3
ENSS 168 - Dynamic Environmental Models	3
ENSS 196 - Environmental Internship	1-4
ENSS 191 - Capstone	3
<b>TOTAL</b>	<b>62</b>

*Environmental Science: Biological Conservation Track*

<b>Course</b>	<b>Credits</b>
<b>Core Curriculum</b>	
ENSS 035 - One Earth: Global Environmental Science	3
ENSS 036 - One Earth: Global Environmental Science Lab	1
ENSS 037 - Environmental Case Analysis	3
ENSS 041 - Principles of Geology	3
ENSS 042 - Principles of Geology Lab	1
ENSS 061 - Environmental Sociology	3
ENSS 065 - Geographic Information Systems	3
<b>Life Science Base</b>	
BIO 012/012L - General/Pre-Professional Biology I (with lab)	4
BIO 013/013L - General/Pre-Professional Biology II (with lab)	4
BIO 117/118L - Ecology (with lab)	5

BIO 140 - Biology Research and Statistical Methods, or STAT 060 - Statistics for the Life Sciences	4 3
CHEM 001/003 - General Chemistry I (with lab)	4
<i>Outcome Areas - Select two courses in each of the following outcome areas. Any course may count toward only one outcome.</i>	
Field and Lab Skills	
ENSS 026 - Ethological Methods	3
ENSS 101 - Restoration Ecology Practicum	3
ENSS 111 - International Seminar	3
ENSS 115 - Environmental Field Course	3
ENSS 119 - Regional Ecology	3
ENSS 125 - Conservation Biology*	4
ENSS 150 - Advanced Topics (with advisor approval)	3
ENSS 165 - Advanced GIS	3
BIO 120/120L - Ecosystem Ecology	4
BIO 145/145L - Selected Topics in Biology (with advisor approval)	3
BIO 152/152L - Field Botany	4
BIO 168/168L - Limnology (with lab)	4
Research Literacy	
ENSS 111 - International Seminar	3
ENSS 115 - Environmental Field Course	3
ENSS 119 - Regional Ecology	3
ENSS 127 - Endangered Species Conservation*	3
ENSS 128 - Zoo Biology	3
ENSS 150 - Advanced Topics (with advisor approval)	3
ENSS 154 - Environmental Decisionmaking	3
ENSS 168 - Dynamic Environmental Models	3
BIO 025 - Animal Behavior	3
BIO 120/120L - Ecosystem Ecology	4
BIO 145/145L - Selected Topics in Biology (with advisor approval)	3
BIO 167/167L - Population Ecology	4
BIO 168/168L - Limnology (with lab)	4
Taxon Expertise	
ENSS 109 - Zoo/Great Ape Practicum	2
ENSS 111 - International Seminar	3
ENSS 115 - Environmental Field Course	3
ENSS 119 - Regional Ecology	3
ENSS 150 - Advanced Topics (with advisor approval)	3
ENSS 159 - Zoo/Great Ape Internship	3



BIO 019/019L - Botany	4
BIO 098 - Introduction to Primatology	3
BIO 112L - Avian Winter Ecology	3
BIO 119/119L - Herpetology	3
BIO 122/122L - Mammalogy	3
BIO 130/130L - Ornithology	3
BIO 145/145L - Selected Topics in Biology (with advisor approval)	3
BIO 152/152L - Field Botany	4
Managing Biodiversity	
ENSS 101 - Restoration Ecology Practicum	3
ENSS 111 - International Seminar	3
ENSS 115 - Environmental Field Course	3
ENSS 119 - Regional Ecology	3
ENSS 125 - Conservation Biology*	4
ENSS 127 - Endangered Species Conservation*	3
ENSS 128 - Zoo Biology	3
ENSS 135 - Global Climate Change*	3
ENSS 138 - Water Resources Policy*	3
ENSS 150 - Advanced Topics (with advisor approval)	3
ENSS 168 - Dynamic Environmental Models	3
BIO 145/145L - Selected Topics in Biology (with advisor approval)	3
Science-Policy Integration - <i>Select six ENSS credits from courses advisor-approved courses that combine significant conservation-related content within the context of important discussions in the policy realm. Students may complete this requirement using courses that fulfill programmatic learning outcomes (marked with an "*").</i>	6
ENSS 191 - Capstone	3
ENSS 197 - Environmental Research	2
TOTAL	65

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### Environmental Science Minor

All minors must have an adviser in the program and must successfully complete a minimum 22 credit hours that fulfill the following requirements:

Course	Credits
ECON 002 - Principles of Microeconomics	3
ENSS 035 - One Earth: Global Environmental Science	3
ENSS 036 - One Earth: Global Environmental Science Lab	1
<i>Select one course from the following:</i>	

ECON 198 - Environment and Natural Resource Economics	3
ENSS 107 - Civic Environmentalism	3
ENSS 151 - Sustainability and Resilience	4
ENSS 135 - Global Change: Science and Policy	3
ENSS elective in Environmental Policy	3
ENSS 100-level elective	3

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## Environmental Sustainability and Resilience

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here: www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

[Bachelor of Arts \(B.A.\)](#) with a major in Environmental Sustainability and Resilience

[Environmental Sustainability and Resilience minor](#)

[Comparative Animal Behavior Concentration](#)

[Zoo and Conservation Science Concentration](#)

[Environmental Science and Sustainability department web site](http://www.drake.edu/enss/) (www.drake.edu/enss/)

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### Program Overview

Drake's Environmental Sustainability and Resilience major is a highly interdisciplinary program enabling graduates to address sustainability and resilience challenges in a variety of fields. Sustainable systems are those that can continue their core functions indefinitely without degradation; resilient systems are those that can continue their core functions in the face of rapid, and often unexpected, change.

Creating sustainable and resilient systems requires that practitioners incorporate ecological, economic, and social principles in their work, and that they be familiar with both rigorously quantitative and qualitative methods of analysis. Therefore, our majors will develop a strong background in environmental sciences sociology, economics, communication, consensus-building, and other relevant areas. They also will develop skills in systems analysis, carbon foot printing, and Geographic Information Systems that will prepare them to engage in identifying issues and developing solutions to diverse challenges upon graduation.

Because each student's path and interests are unique, the sustainability and resilience curriculum is organized around four key outcomes for majors:

- 1. Choice Analysis** - Students will be able to identify, analyze, and communicate the impacts of collective and individual choices on environmental, economic, and social systems.
- 2. Systems Thinking** - Students will employ whole-systems thinking to understand the nature of sustainability and resilience challenges and to design successful responses.
- 3. Stakeholder Engagement** - Students will develop appropriate skills for communicating among various constituencies that have a stake in sustainability and resilience choices, and be able to integrate concerns from

multiple perspectives into proposed solutions that are appropriate to local political, social, and economic conditions.

**4. Professional Skills** - Students will develop the skills necessary for employment or graduate study in fields related to Environmental Sustainability and Resilience.

#### B.A. Degree Requirements

All Environmental Sustainability and Resilience majors take a set of core courses in areas central to the study of environmental sustainability and resilience, including environmental science, biology, geology, sociology, and economics. In addition, students take two courses fulfilling each of the four major outcomes.

Courses in any of the areas of study can count for only one area of study. For example, ENSS 135, which could satisfy either Choice Analysis or Stakeholder Engagement, can count for only one of those requirements.

<b>Course</b>	<b>Credits</b>
<b>ENSS Core</b>	<b>17</b>
ENSS 035 - One Earth: Global Environmental Science	3
ENSS 036 - One Earth: Global Environmental Science Lab	1
ENSS 037 - Environmental Case Analysis	3
ENSS 041 - Principles of Geology	3
ENSS 042 - Principles of Geology Lab	1
ENSS 061 - Environmental Sociology	3
ENSS 065 - Geographic Information Systems	3
<b>Other Required Courses</b>	<b>11</b>
BIO 013 - Pre-Professional Biology II	3
BIO 013L - Pre-Professional Biology II Lab	1
ECON 002 - Microeconomics	3
ENSS 151 - Sustainability and Resilience, or LAW 329 - Resilience and Sustainability	4 3
<b>Choice Analysis - Select two from the following:</b>	<b>6</b>
ECON 109 - Public Economics	3
ECON 135 - Developing Economies	3
ECON 198 - Environmental Economics	3
ENSS 050 - Topics in ENSS ( <i>must be approved by advisor</i> )	3
ENSS 072 - Environmental Psychology	3
ENSS 103 - Foundations of National History & Environment	3
ENSS 111 - International Environment Seminar	3-5
ENSS 125 - Conservation Biology	4
ENSS 135 - Global Climate Change	3
ENSS 150 - Advanced Topics in ENSS ( <i>must be approved by advisor</i> )	3-5

ENSS 153 - Ecological Economics	3
ENSS 154 - Environmental Decision-Making	3
ENSS 157 - Environmental Justice	3
HIST 186 - History of the Environment	3
HIST 188 - Urban Environmental History	3
POLS 123 - Grassroots Globalism	3
POLS 127 - Global Health	3
SCSS 072 - Global Social Change	3
SCSS 145 - Food and Society	3
SCSS 196 - Sustainability & Social Justice	3
<b>Systems Thinking</b> - <i>Select two from the following:</i>	<b>6</b>
BIO 111 - Evolved Foodways	3
BIO 117 - Ecology	3
ECON 135 - Developing Economies	3
ENSS 050 - Topics in ENSS ( <i>must be approved by advisor</i> )	3
ENSS 072 - Environmental Psychology	3
ENSS 103 - Foundations of Natural History and Environmentalism	3
ENSS 107 - Civic Environmentalism/Growth	3
ENSS 111 - International Environment Seminar	3-5
ENSS 119 - Regional Ecology	3
ENSS 127 - Endangered Species Conservation	3
ENSS 150 - Advanced Topics in ENSS ( <i>must be approved by advisor</i> )	3-5
ENSS 156 - Environmental Politics and Policy	3
POLS 123 - Grassroots Globalism	3
SCSS 072 - Global Social Change	3
SCSS 145 - Food and Society	3
<b>Stakeholder Engagement</b> - <i>Select two from the following:</i>	<b>6</b>
ENSS 050 - Topics in ENSS ( <i>must be approved by advisor</i> )	3
ENSS 054 - Environmental Communication	3
ENSS 071 - Environmentalism in the U.S.	3
ENSS 107 - Civic Environmentalism/Growth	3
ENSS 125 - Conservation Biology	3
ENSS 132 - Water Resource Policy	3
ENSS 135 - Global Climate Change	3
ENSS 150 - Advanced Topics in ENSS ( <i>must be approved by advisor</i> )	3-5
ENSS 156 - Environmental Politics and Policy	3
ENSS 157 - Environmental Justice	3
HIST 186 - History of the Environment	3

HIST 188 - Urban Environmental History	3
HONR 067 - Sustainable Development in Africa	3
POLS 127 - Global Health	3
SCSS 196 - Sustainability & Social Justice	3
<b>Professional Skills</b> - <i>Select two from the following:</i>	<b>6</b>
BIO 140 - Biostatistics	4
ECON 198 - Environmental Economics	3
ENSS 050 - Topics in ENSS ( <i>must be approved by advisor</i> )	3
ENSS 101 - Restoration Ecology	3
ENSS 107 - Civic Environmentalism/Growth	3
ENSS 115 - Environmental Field Course	3-5
ENSS 125 - Conservation Biology	4
ENSS 150 - Advanced Topics in ENSS ( <i>must be approved by advisor</i> )	3-5
ENSS 153 - Ecological Economics	3
ENSS 165 - Applications of GIS	3
ENSS 168 - Dynamic Environmental Models	3
STAT 050 - Statistics for Social Sciences	3
ENSP 191 Capstone	3
<b>Total</b>	<b>55</b>

At least 25 credits toward the Environmental Sustainability and Resilience major must not be counted toward another major, minor, or concentration.

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#### Environmental Sustainability and Resilience Minor

All minors must have an adviser in the program and must successfully complete 22-23 credit hours that fulfill the following requirements:

<b>Course</b>	<b>Credits</b>
ECON 002 - Principles of Microeconomics	3
ENSS 035 - One Earth: Global Environmental Science	3
ENSS 036 - One Earth: Global Environmental Science Lab	1
<i>Choose one of the following:</i>	
ECON 198 - Environmental and Natural Resource Economics	3
ENSS 107 - Civic Environmentalism	3
ENSS 151 - Sustainability and Resilience	4
<i>One course that meets each outcome:</i>	
Choice Analysis	
ECON 109 - Public Economics	3

ECON 135 - Developing Economies	3
ENSS 050 - Topics in ENSS ( <i>must be approved by advisor</i> )	3
ENSS 072 - Environmental Psychology	3
ENSS 103 - Foundations of Natural History & Environment	3
ENSS 111 - International Environment Seminar	3
ENSS 125 - Conservation Biology	4
ENSS 135 - Global Climate Change	3
ENSS 150 - Advanced Topics in ENSS ( <i>must be approved by advisor</i> )	3
ENSS 153 - Ecological Economics	3
ENSS 154 - Environmental Decision Making	3
ENSS 157 - Environmental Justice	3
HIST 186 - History of the Environment	3
HIST 188 - Urban Environmental History	3
POLS 123 - Grassroots Globalism	3
POLS 127 - Global Health	3
SCSS 072 - Global Social Change	3
SCSS 145 - Food and Society	3
SCSS 196 - Sustainability and Social Justice	3
Systems Thinking	
BIO 111 - Evolved Foodways	3
BIO 117 - Ecology	3
ENSS 050 - Topics in ENSS ( <i>must be approved by advisor</i> )	3
ENSS 072 - Environmental Psychology	3
ENSS 103 - Foundations of Natural History and Environment	3
ENSS 107 - Civic Environment	3
ENSS 111 - International Environmental Seminar	3
ENSS 119 - Regional Ecology	3
ENSS 127 - Endangered Species Conservation	3
ENSS 150 - Advanced Topics in ENSS ( <i>must be approved by advisor</i> )	3
ENSS 156 - Environmental Politics and Policy	3
POLS 123 - Grassroots Globalism	3
SCSS 072 - Global Social Change	3
SCSS 145 - Food and Society	3
Stakeholder Engagement	
ECON 135 - Developing Economies	3
ENSS 050 - Topics in ENSS	3
ENSS 054 - Environmental Communication	3
ENSS 071 - Environment in the United States	3

ENSS 107 - Civic Environment	3
ENSS 125 - Conservation Biology	4
ENSS 132 - Water Resource Policy	3
ENSS 135 - Global Climate Change	3
ENSS 150 - Advanced Topics in ENSS ( <i>must have advisor approval</i> )	3
ENSS 156 - Environmental Politics and Policy	3
ENSS 157 - Environmental Justice	3
HIST 186 - History of the Environment	3
HIST 188 - Urban Environmental History	3
HONR 067 - Sustainable Development in Africa	3
POLS 127 - Global Health	3
SCSS 196 - Sustainability and Social Justice	3
One upper-level ENSS elective	3
Total	22-23

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## Graphic Design

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here](http://www.drake.edu/catalog/): [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

[Bachelor of Arts \(B.A.\)](#) with a major in Graphic Design

[Bachelor of Fine Arts \(B.F.A.\)](#) with a major in Graphic Design

[Graphic Design minor](#)

[Art and Design department web site](http://www.drake.edu/art-design/) ([www.drake.edu/art-design/](http://www.drake.edu/art-design/))

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### Program Overview

The Graphic Design program at Drake helps students develop their creative and intellectual potential, explore new ideas and discover career opportunities. The program allows students to develop a personally fulfilling approach to design by focusing on critical thinking and process-oriented explorations. Students are immersed in a professional design environment, develop a broad range of technical skills, and initiate formal and conceptual abilities in preparation for a rewarding career as graphic design professionals. Through the study of fine art, craftsmanship, and design theory coupled with practical experiences, students acquire the knowledge to plan and design visual communications creatively and responsibly.

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### B.A. Degree Requirements

The Bachelor of Arts in Graphic Design degree program allows the student to major in graphic design within the context of a liberal arts curriculum. This degree allows the student considerable flexibility in developing a course of study, as it can, in most cases, accommodate a double major or dual-degree programs. This degree track begins with the development of foundational skills in art history, drawing, and visual design and goes on to emphasize the fundamental skills and concepts of the practice of graphic design. The Senior Capstone experience for the degree is Art 191 Design Practicum. This course involves the design and production of a graphic design portfolio in preparation for graduation and entering a profession.

Course	Credits
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Drawing I	3
ART 021 - Digital Media	3
ART 075 - Themes in Art History	3
Introductory studio course (Printmaking, Painting, or Sculpture)	3
Art History electives	6
Graphic Design track	21
ART 051 - Typography	3
ART 052 - Form & Concept	3
ART 102 - Theory & Practice	3



ART 114 - Web Design	3
ART 115 - Advanced Typography	3
ART 116 - Content & Audience	3
ART 191 - Design Practicum	3
Graphic Design elective	6
<b>TOTAL</b>	<b>52</b>

In addition to requirements for all undergraduate degrees, which can be found in the [Graduation Requirements \(https://www.drake.edu/artsci/studentresources/graduationrequirements/\)](https://www.drake.edu/artsci/studentresources/graduationrequirements/) area of the catalog, Art and Design students must meet the following requirements:

A student is placed on probation if either the cumulative grade-point average or the average in Department of Art and Design courses falls below 2.00 (a "C" average) during any semester in which a student has earned less than 30 total credit hours. A student may be placed on probation for failing to meet the University's standards for satisfactory progress toward completion of degree requirements.

To continue progress toward a Department of Art and Design degree, a student must have at least a 2.5 cumulative grade-point average and a 2.5 GPA in the Department of Art and Design courses at the end of the academic term in which the student completes the 30th credit hour. For transfer students, the 30th-hour GPA must be based upon at least 15 credit hours earned at Drake. Students who achieve the 2.5 GPA at the 30th-hour level are placed on probation if their GPAs fall below 2.5 in a subsequent semester. If the GPA is not raised to 2.5 or better after the probationary semester, the student may not continue in the Department of Art and Design or re-enroll later.

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#### B.F.A. Degree Requirements

The Bachelor of Fine Arts degree is a specialized four-year undergraduate program, which prepares students specifically in the common body of knowledge and skills required for a career in graphic design. It is a professional degree with the majority of credits dedicated to design or design-related course work. BFA Design students become adept in the creation and development of visual form with an understanding of the principles of visual organization and composition, information hierarchy, symbolic representation, typography, and the construction of meaningful images. They develop an understanding of the tools, technology, and mediums of the design profession and professional design practices. At the end of the junior year, BFA students take part in reviews with the faculty of the department and have the option of participation in a senior exhibition. In their last semester, students take the capstone experience, Art 191 Design Practicum, which involves the design and production of a presentation and digital portfolio and preparation for entry into the design profession.

<b>Course</b>	<b>Credits</b>
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Drawing I	3
ART 016 - Drawing II	3
ART 021 - Digital Media	3
ART 075 - Themes in Art History	4

Basic Studio (Printmaking) - <i>Select one from the following:</i>	3
ART 056 - Introduction to Printmaking	3
ART 057 - Printmaking: Relief I	3
ART 058 - Printmaking: Intaglio I	3
ART 059 - Printmaking: Lithography I	3
ART 063 - Painting I	3
ART 079 - Sculpture I	3
Studio Area of Emphasis - <i>Select three courses from Drawing, Painting, Printmaking, or Sculpture</i>	9
Art History electives	6
Art & Design electives	6
Graphic Design Track	24
ART 051 - Typography	3
ART 052 - Form & Concept	3
ART 102 - Theory & Practice	3
ART 114 - Web Design	3
ART 115 - Advanced Typography	3
ART 116 - Content & Audience	3
ART 155 - Research & Application	3
ART 191 - Design Practicum	3
Graphic Design electives*	12
TOTAL	85

\*Three courses must be numbered 150 or above.

In addition to requirements for all undergraduate degrees, which can be found in the [Graduation Requirements](https://www.drake.edu/artsci/studentresources/graduationrequirements/) (<https://www.drake.edu/artsci/studentresources/graduationrequirements/>) area of the catalog, Art and Design students must meet the following requirements:

A student is placed on probation if either the cumulative grade-point average or the average in Department of Art and Design courses falls below 2.00 (a "C" average) during any semester in which a student has earned less than 30 total credit hours. A student may be placed on probation for failing to meet the University's standards for satisfactory progress toward completion of degree requirements.

To continue progress toward a Department of Art and Design degree, a student must have at least a 2.5 cumulative grade-point average and a 2.5 GPA in the Department of Art and Design courses at the end of the academic term in which the student completes the 30th credit hour. For transfer students, the 30th-hour GPA must be based upon at least 15 credit hours earned at Drake. Students who achieve the 2.5 GPA at the 30th-hour level are placed on probation if their GPAs fall below 2.5 in a subsequent semester. If the GPA is not raised to 2.5 or better after the probationary semester, the student may not continue in the Department of Art and Design or re-enroll later.

## Graphic Design Minor

The Graphic Design Minor is a focused exploration of design principles, history, theory and practice. It is composed of the first-year and sophomore year design courses and includes foundation studio courses. This approach gives students a significant introduction to the discipline and the ability to pursue further study in graphic design.

<b>Course</b>	<b>Credits</b>
ART 013 - 2-D Design	3
ART 015 - Observational Drawing	3
ART 021 - Digital Media	3
ART 051 - Typography	3
ART 052 - Form & Concept	3
ART 100 - Design Issues	3
Elective - <i>Select any ART graphic design course numbered 100 or higher except for ART 129.</i>	3
<b>TOTAL</b>	<b>21</b>

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## History

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here](http://www.drake.edu/catalog/): [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

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### Program Options

[Bachelor of Arts \(B.A.\)](#) with a major in History

[History minor](#)

[History department web site](http://www.drake.edu/history/) ([www.drake.edu/history/](http://www.drake.edu/history/))

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### Program Overview

The discipline of history lies at the core of a liberal education. Students of history learn and analyze the major social, political, and economic forces that have caused change over time with an eye to understanding the present in the light of the past. Drake's History Department courses focus mostly on the modern period (c.1500 to the present), have a world historical emphasis, and investigate those ideas and institutions by which people have shaped and ordered their world.

At a time when the average college graduate will work in four or more different professions during their lifetime, the History Department's program prepares and empowers students with modular and transferable skills. Our curriculum helps students to think clearly; to research, analyze, and interpret a broad range of materials available across multiple media; and to express themselves cogently both orally and in writing. With these skills, students are prepared to pursue careers in business, industry, government service, numerous professions, and the advanced study of history.

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### B.A. Degree Requirements

The B.A. in History requires 39 credit hours. Students can obtain these credits by taking all history courses or by doing the 27+12 option. These two options are described below.

For the history major, at least 15 hours must be completed at Drake.

#### All History Courses Option

This option requires students to complete the major by taking 39 credit hours of History classes.

Course	Credits
Introductory-level courses (001-099)	9
HIST 001 - Passages to 1750	3
HIST 002 - Passages Since 1750	3
Three hours of other introductory-level courses	3
HIST 100 - Doing History: The Historian's Craft	3
Advanced-level courses (101-149)	6
Colloquia (150-190)	6

Capstone (196-197)	3
Electives - <i>Select twelve credits at any level</i>	12
<b>TOTAL (All History Option)</b>	<b>39</b>

### 27+12 Option

This option involves taking 27 credit hours of history classes and counting 12 credit hours (100 level classes) from a second related major towards the B.A. in History. Approved majors for this option include: Politics, International Relations, LPS, Philosophy and Religion, English, Culture and Society, Economics, Art History, Journalism, and Education. Consult with your advisor to determine other disciplines that may qualify. For example, students with majors in Biology, Psychology, and ENSP have also designed interdisciplinary Double Majors in History with their advisor's approval.

<b>Course</b>	<b>Credits</b>
Introductory-level courses (001-099)	9
HIST 001 - Passages to 1750	3
HIST 002 - Passages Since 1750	3
Three hours of other introductory-level courses	3
HIST 100 - Doing History: The Historian's Craft	3
Advanced-level classes (101-149)	6
Colloquia (150-190)	6
Capstone (196-197)	3
Electives - <i>Select twelve credits of 100-level courses from a single related major</i>	12
<b>TOTAL (27 + 12 Option)</b>	<b>39</b>

### History Minor

Students must complete 21 credit hours to earn a History minor. Students **may not** apply credits from a related discipline towards the minor. For the history minor, at least 12 hours must be completed at Drake.

<b>Course</b>	<b>Credits</b>
Advanced-level classes (100-149)	6
Colloquia (150-190)	6
History electives	9
<b>TOTAL</b>	<b>21</b>

## International Relations

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here: www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

[Bachelor of Arts \(B.A.\)](#) with a major in International Relations  
[International Relations minor](#)

[Political Science department web site \(www.drake.edu/polsci/\)](http://www.drake.edu/polsci/)

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### Program Overview

The Department of Political Science administers a major in Politics and an interdisciplinary major in International Relations, as well as a minor in Politics and a minor in International Relations. Our programs offer the rigor and depth of disciplinary training with intellectual breadth firmly grounded in the liberal arts tradition.

We provide a learning environment that produces liberally educated citizens who are fluent in the language of politics and political analysis both within the United States and abroad and thereby have the foundation for both citizenship in a democratic society and successful training in a job, in a graduate school, or in a professional school.

Our degrees prepare students for graduate school in political science, international relations, and related fields. Our degrees also prepare students for careers in government (at the local, state, national and international levels), political campaigns, law, political journalism, business, non-profit organizations, and academics. We offer students opportunities to integrate experiential learning with their academic coursework. Examples include Model United Nations, European Union and Arab League simulations, mock trial, study abroad and internships with Federal and state governments, political campaigns, and non-profit organizations in Central Iowa or overseas.

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### B.A. Degree Requirements

The undergraduate B.A. degree in International Relations includes coursework that is designed to train students for responsible global citizenship and entry into internationally related jobs in government, business, international organizations, and non-governmental organizations. The curriculum is designed to provide greater breadth than is possible by majoring in a single discipline, yet permit sufficiently focused study in international affairs to prepare the student for direct entry into the field of international work or continued post-graduate study.

Students begin their course of study with a set of required core courses in international security, international law, international political economy and language. Students also take a required number of elective coursework involving comparative and thematic perspectives on international relations. Students should work closely with their advisors to select courses that are most compatible with their academic and professional goals.

Course	Credits
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Basic Core	
Required Language Course*	Variable
POLS 065 - Comparative Politics	3
POLS 075 - World Politics	3
POLS 126 - Political Economy of Globalization	3
POLS 170 - International Law	3
POS 1xx - International Security	3
POLS 192 - Senior Seminar	3
Specialized Tracks - Take a minimum of 24 credits of electives. Six of these credits must be under a single Regional category, six under the Cross-Regional category, and six under the Thematic category. The remaining six credits can be taken in any of the three areas.	
Regional Electives - Select six credits in a single Regional area	
Africa	
HIST 060 - Africa in World History	3
HIST 167 - Sustainable Development in Africa	6
HIST 140 - Africa's Colonial Movement	3
HIST 161 - Africa, Africans & Atlantic Slavery	3
Asia	
HIST 129 - Modern China	3
HIST 130 - Twentieth Century China	3
HIST 132 - Modern Japan	3
SCSS 130 - Contemporary Chinese Society	3
POLS 139 - Comparative Asian Politics	3
POLS 162 - Government & Politics of China	3
POLS 163 - Government & Politics of Japan	3
Europe	
HIST 099 - European Women's History, 1900-1945	3
HIST 134 - Contemporary Europe	3
HIST 176 - Nationalism in Modern European History	3
POLS 128 - Nationalism and Ethnicity in Eastern Europe	3
POLS 160 - Modern European Political Systems	3
POLS 161 - Politics of Russia and the Former Soviet Union	3
POLS 171 - Politics of European Integration	3
Latin America	
HIST 123 - Modern Mexico	3
HIST 125 - Colonial Latin America	3
HIST 126 - Modern Latin America	3
WLC 151 - National Identity in a Transnational Age	3
WLC 196 - Contemporary Urban Mexico	3
Middle East	
POLS 136 - The Arab-Israeli Conflict	3
POLS 174 - Politics in the Middle East	3
Cross-Regional Electives - Select six credits	
ECON 175 - Developing Economies	3
POLS 129 - Transitions to Democracy	3

POLS 135 - Islam in the 21st Century	3
POLS 137 - Comparative Law and Courts	3
POLS 165 - Government and Politics in Developing Nations	3
POLS 166 - Comparative Political Parties	3
POLS 168 - Politics & Parliaments	3
SCSG 002 - Human Geography	3
Thematic Electives - Select six credits	
ECON 130 - International Economies	3
ENG 166 - Literature of War	3
HIST 113 - U.S. as a World Power	3
HIST 139 - World War I	3
HIST 168 - U.S. Interventionism	3
HIST 169 - The U.S. and the Origins of the Cold War	3
POLS 121 - The U.N. and Global Security	3
POLS 124 - Revisiting the Vietnam War	3
POLS 125 - Peacebuilding and Post-Conflict Justice	3
POLS 127 - Global Health	3
POLS 173 - Human Rights & World Politics	3
POLS 176 - Gender & World Politics	3
POLS 178 - U.S.-East Asian Relations	3
POLS 179 - American Foreign Policy	3
PSY 134 - Ethnopolitical Conflict and Peacemaking	3
REL 155 - Liberation Theology	3
SCSR 112 - Rhetoric and War	3
SCSS 155 - Global Youth Studies	3
SCSS 173 - Global Citizenship	3
WLC 148 - Intercultural Communication	3
TOTAL** (excluding language requirement)	42

\*Students are required to complete two years of coursework or credits in a single language or demonstrate equivalent competence.

\*\*The number of total credits does not include the foreign language requirement given that student coursework for fulfilling this requirement is variable.

### International Relations Minor

Minors must complete a minimum of 21 credits in International Relations in the following manner.

Course	Credit
Two introductory-level courses	6
POLS 065 - Comparative Politics	3
POLS 075 - World Politics	3



Three upper-level courses	9
POLS 170 - International Law	3
POLS 1xx - International Security	3
POLS 126 - Political Economy of Globalization	3
One upper-level elective	3
<i>Must be approved by advisor</i>	
Language course	3
<i>Language course taken at Drake or through an affiliated institution abroad</i>	

Minors must have a minimum 2.00 G.P.A. in all courses counted toward the minor. Only POLS 065 and POLS 075 may count as credits toward both an International Relations minor and a Politics major or minor.

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## Kinesiology

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

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### Program Option

Bachelor of Science (B.S.) degree with a major in Kinesiology

Kinesiology web site ([www.drake.edu/kinesiology/major/](http://www.drake.edu/kinesiology/major/))

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### Program Overview

Drake's pre-professional Kinesiology major offers an intensive focus in anatomy and physiology, with courses sequenced and proactively planned for physical therapy school, medical school, graduate school in kinesiology/exercise science, or careers in community wellness.

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### B.S. Degree Requirements

The Bachelor of Science degree consists of 68 or 69 credit hours, depending upon options chosen. Required courses for the major have been organized into basic science and exercise science categories.

Course	Credits
Basic Science Core	
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I Lab	1
BIO 013 - Pre-Professional Biology II	3
BIO 013L - Pre-Professional Biology II Lab	1
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3
CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1
PHY 011 - General Physics	4
MATH 050 - Calculus I	4
Exercise Science Core	
BIO 031 - Kinesiology Orientation	1
BIO 032 - Wellness & Nutrition	3
Fundamental Physiology - Select one from the following	

BIO 129 and BIO 129L - Mammalian Physiology with Lab	5
HSCI 125 and HSCI 125L - Medical Physiology with Lab	4
BIO 133 and BIO 133L - Kinesiology with Lab	4
BIO 134 and BIO 134L - Exercise Physiology with Lab	4
BIO 136 and BIO 136L - Motor Control and Learning with Lab	4
BIO 139 - Kinesiology Capstone	3
BIO 137 and BIO 137L - Biomechanics with Lab	4
HSCI 107 - Skeletal Muscle Structure and Function	3
HSCI 141 - Human Anatomy with Lab	3
PSY 080 - Sport Psychology	3
Optional Exercise Science Courses: These courses support and enrich the major but do not fulfill any major requirements.	
BIO 033 - Strength & Conditioning	
BIO 135L - Foot & Ankle Research Lab	1
EDUC 172 - Care & Prevention of Athletic Injuries	3
HSCI 095 - Medical Terminology	1
HSCI 140 - Patient Assessment	2
HSCI 145 - Health Coaching	2
HSCI 150 - Exercise Testing & Prescription	
Recommended Courses for Pre-Medical Students: These courses may help students meet admission requirements to medical schools and/or be more competitive when applying but do not fulfill any major requirements.	
BIO 131 and BIO 131L - Biochemistry with Lab	4
BIO 140 - Biological Research and Statistical Methods, or STAT 060 - Statistics for the Life Sciences	4 3
CHEM 097 and CHEM 098 - Organic Chemistry I with Lab	4
CHEM 108 and CHEM 110 - Organic Chemistry II with Lab	4
PHIL 090 - Ethics	3
PHY 012 - Physics II with Lab	4
PSY 001 - Introduction to Psychology	4
SCSS 001 - Survey of Sociology	3
Six credit hours in composition courses (eg, ENG 040, ENG 090-094)	6

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## Law, Politics and Society

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Available Options

Bachelor of Arts (B.A.) with a major in Law, Politics and Society

Law, Politics and Society department web site ([www.drake.edu/lps/](http://www.drake.edu/lps/))

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### Program Overview

The Law, Politics and Society (LPS) program offers students an interdisciplinary perspective on the complex interactions of law, culture, economics, politics, and social structure. The program does not treat law as a fixed, naturally given feature of social life, nor as a professional practice reserved only for specialists such as lawyers, judges and legislators. Instead, we understand law as a pervasive part of everyday life, socially constructed and often contested.

As a liberal arts major, the LPS program is designed to provide students with a broad education contributing to their pre-professional and personal growth, in preparation for effective participation in civil society, and ethical global citizenship.

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### B.A. Degree Requirements

Through their coursework, LPS students will encounter the structures and people that create, interpret, implement, and are affected by law; they will engage in in-depth examination of problems and opportunities facing contemporary societies, and identify the complex web of contributing legal, political, and social factors – as well as possible solutions to those problems. Students will leave the major with a more critical and nuanced understanding of the historical underpinnings of contemporary law, politics, and society, able to critically evaluate normative claims, and craft their own unique and imaginative responses to current issues.

In this major, LPS students will:

- Read and understand legal texts, court decisions, and theoretical writing, as well as use those texts effectively to convey complex ideas and arguments in writing
- Know and articulate the difference between law as a professional practice and law as a topic of liberal arts inquiry;
- Demonstrate awareness of how issues of justice, morality, authority, order, legitimacy, individualism and community create tensions within ordered social life;
- Explain how historical development and different cultural practices, social organizations and political systems affect law and justice around the world;
- Examine how factors such as race, ethnicity, class, gender, sexuality and religion impact legal, social, and political life;

- Deploy contemporary legal, critical and/or interpretive theories in their own analyses of political, social or legal events or situations.

Course	Credits
LPS 001 - Introduction to Law, Politics, and Society	3
LPS 002 - Critical Concepts in Law, Politics, and Society	3
LPS 100 - LPS Perspectives on Constitutional Law	3
LPS 190 - Senior Seminar in Law, Politics, and Society	3
(2) Lower-division electives in related fields*	6
(2) Upper-division electives in a related field*	12
(2) Upper-division electives in a second related field*	
(4) LPS-designated electives, of which at least three must be upper division	12
Total	42

\*Related fields include:

- Anthropology
- Economics
- English
- Environmental Science and Policy
- History
- Law
- Philosophy
- Politics and International Relations
- Religion
- Rhetoric
- Sociology

## Mathematics

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Mathematics
- Bachelor of Science (B.S.) with a major in Mathematics
- Graduate programs leading to the Master of Science in Education and Master of Arts in Teaching degrees in mathematics are available through the School of Education
- Mathematics minor

Mathematics and Computer Science department web site ([www.drake.edu/mathcs/](http://www.drake.edu/mathcs/))

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### Program Overview

Students majoring in mathematics are able to plan programs appropriate for careers that require understanding of structures and patterns and analysis of data, or for further graduate study in theoretical or applied mathematics or related fields, such as other scientific disciplines or economics and MBA programs in business administration. Opportunities for mathematics majors arise in computing or high-technology firms, chemical and pharmaceutical manufacturers and with government agencies, financial institutions and the insurance industry.

Students who desire a more scientific emphasis will complete the College of Arts and Sciences requirements for a B.S. degree; the mathematics requirements for the B.A. and B.S. degrees are the same.

All programs are to be planned in careful consultation with a departmental advisor and be approved by that advisor.

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### B.A. Degree Requirements

The Bachelor of Arts degree is intended for students who desire less of a scientific emphasis. Students who desire more of a scientific emphasis should consider the Bachelor of Science degree. All programs are to be planned in careful consultation with a departmental advisor and be approved by that advisor.

Course	Credits
Core Courses	
CS 065 - Introduction to Computer Science I	3
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3

MATH 101 - Introduction to Mathematical Reasoning	3
MATH 110 - Vector Calculus	3
MATH 191 - The Capstone Course	3
Upper Level Courses - <i>Upper Level Courses - Students must select two sequences from Track A and one from Track B or two sequences from Track B and one from Track A. Students cannot count a course in more than one sequence. An advisor may, in consultation with the Department, substitute an alternative sequence of paired courses from another major that has a significant and appropriate emphasis on the mathematical aspects of that major for sequences 2, 3, 4, or 5 below. The limit on sequences from another major is one.</i>	21
Track A - <i>Courses in this track are helpful for students who want to develop computational skills that might be useful in the workplace, but will also expose students to courses that help develop a theoretical grounding in computational mathematics. This major serves as complement to other majors such as Actuarial Science, Computer Science, Data Analytics, Physics, and other science majors.</i>	18
1. Differential Equations Sequence	
MATH 120 - Applied Differential Equations I	3
MATH 121 - Applied Differential Equations II	3
2. Mathematical Modeling Sequence - Select two of the following courses.	
MATH 120 - Applied Differential Equations I	3
MATH 125 - Math Modeling	3
MATH 127 - Introduction to Game Theory	3
3. Computational Mathematics Sequence	
MATH 165 - Introduction to Numerical Analysis	3
MATH 176 - Advanced Linear Algebra	3
4. Actuarial Science/Data Analytics Sequence - Select one set below.	
MATH 131 - Introduction to Probability I, and ACTS 135 - Mathematical Statistics	3 3
STAT 130 - Probability for Analytics, and STAT 170 - Regression and Time Series	3 3
5. Computational Science Sequence	
MATH 139 - Theory of Computation	3
MATH 150 - Discrete Structures	3
6. PHY 121 - Theoretical Mechanics, and PHY 122 - Electromagnetic Theory	4
Track B - <i>Students choose two sequences listed below and one of the Applied and Computational Mathematics sequences. At least one the sequences must be either 1 and 2 (i.e., taking just 3 and 4 is not a possible sequence). Courses in this track are helpful for students who want to develop theoretical skills that would help prepare</i>	18

*them for graduate programs in Computer Science, Mathematics, and Physics, but will also expose to applications of the theory.*

1. Algebra Sequence - Select two of the following.	
MATH 155 - Abstract Algebra I	3-4
MATH 156 - Abstract Algebra II	3
MATH 176 - Advanced Linear Algebra	3
2. Analysis Sequence - Select two of the following.	
MATH 184 - Introducton to Real Analysis I	3
MATH 185 - Introduction to Real Analysis II	3
MATH 187 - Complex Analysis	3
3. Geometry/History Sequence	
MATH 153 - Modern Geometry	3
MATH 157 - History of Math	3
4. Computer Science Sequence	
MATH 150 - Discrete Structures	3
MATH 139 - Theory of Computation	3
<b>TOTAL</b>	<b>42</b>

## B.S. Degree Requirements

The Bachelor of Science degree is intended for students who desire a more scientific emphasis. Students who desire less of a scientific emphasis should consider the Bachelor of Arts degree. There are special requirements for the Bachelor of Science degree. See the Graduation Requirements section of this catalog for details. All programs are to be planned in careful consultation with a departmental advisor and be approved by that advisor.

<b>Course</b>	<b>Credits</b>
Core Courses	24
CS 065 - Introduction to Computer Science I	3
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
MATH 101 - Introduction to Mathematical Reasoning	3
MATH 110 - Vector Calculus	3
MATH 191 - The Capstone Course	3
Upper Level Courses - <i>Students must select two sequences from Track A and one from Track B or two sequences from Track B and one from Track A. Students cannot count a</i>	21



course in more than one sequence. An advisor may, in consultation with the Department, substitute an alternative sequence of paired courses from another major that has a significant and appropriate emphasis on the mathematical aspects of that major for sequences 2, 3, 4, or 5 below. The limit on sequences from another major is one.

Track A - Courses in this track are helpful for students who want to develop computational skills that might be useful in the workplace, but will also expose students to courses that help develop a theoretical grounding in computational mathematics. This major serves as complement to other majors such as Actuarial Science, Computer Science, Data Analytics, Physics, and other science majors.	18
1. Differential Equations Sequence	
MATH 120 - Applied Differential Equations I	3
MATH 121 - Applied Differential Equations II	3
2. Mathematical Modeling Sequence - Select two of the following courses.	
MATH 120 - Applied Differential Equations I	3
MATH 125 - Math Modeling	3
MATH 127 - Introduction to Game Theory	3
3. Computational Mathematics Sequence	
MATH 165 - Introduction to Numerical Analysis	3
MATH 176 - Advanced Linear Algebra	3
4. Actuarial Science/Data Analytics Sequence - Select one set below.	
MATH 131 - Introduction to Probability I, and ACTS 135 - Mathematical Statistics	3 3
STAT 130 - Probability for Analytics, and STAT 170 - Regression and Time Series	3 3
5. Computational Science Sequence	
MATH 139 - Theory of Computation	3
MATH 150 - Discrete Structures	3
6. PHY 121 - Theoretical Mechanics, and PHY 122 - Electromagnetic Theory	4
Track B - Students choose two sequences listed below and one of the Applied and Computational Mathematics sequences. At least one the sequences must be either 1 and 2 (i.e., taking just 3 and 4 is not a possible sequence). Courses in this track are helpful for students who want to develop theoretical skills that would help prepare them for graduate programs in Computer Science, Mathematics, and Physics, but will also expose to applications of the theory.	18
1. Algebra Sequence - Select two of the following.	
MATH 155 - Abstract Algebra I	3-4
MATH 156 - Abstract Algebra II	3
MATH 176 - Advanced Linear Algebra	3

2. Analysis Sequence - Select two of the following.	
MATH 184 - Introducton to Real Analysis I	3
MATH 185 - Introduction to Real Analysis II	3
MATH 187 - Complex Analysis	3
3. Geometry/History Sequence	
MATH 153 - Modern Geometry	3
MATH 157 - History of Math	3
4. Computer Science Sequence	
MATH 150 - Discrete Structures	3
MATH 139 - Theory of Computation	3
<b>TOTAL</b>	<b>42</b>

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### Mathematics Minor

The student must have a departmental minor adviser and complete 24 credit hours of mathematics and related courses as stipulated in the catalog requirements.

<b>Course</b>	<b>Credits</b>
CS 065 - Introduction to Computer Science I	3
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
MATH 101 - Mathematical Reasoning	3
Upper Level Courses - Select two additional Math courses numbered 100 or above, excluding MATH 140 and excluding the capstone course. Must be approved by advisor.	6
<b>TOTAL</b>	<b>24</b>

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## Mathematics for Secondary Education

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Science (B.S.) with a major in Mathematics for Secondary Education
- Graduate programs leading to the Master of Science in Education and Master of Arts in Teaching degrees in mathematics also are available through the School of Education
- Mathematics for Secondary Education minor

Mathematics and Computer Science department web page ([www.drake.edu/mathcs/](http://www.drake.edu/mathcs/))

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### Program Overview

The focus of the program is to provide the necessary mathematics content and methods for students to become mathematics teachers at the middle school to high school level.

In addition to receiving this degree in the College of Arts and Sciences, students also must complete the secondary education major in the School of Education. Students will learn theory and application of mathematics in a range of lower- and upper-level classes, as well as teaching methodology appropriate for teaching at the secondary level. In addition, students will learn how to use appropriate technology in teaching.

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### B.S. Requirements

This major is designed to furnish students with the mathematics content necessary for secondary certification in mathematics; to teach secondary mathematics, students also will need to complete the secondary education major offered in the School of Education.

Students must complete the following mathematics and related courses. All programs are to be planned in careful consultation with a departmental advisor and be approved by that advisor.

To be endorsed by Drake University for licensure in an endorsement, students must obtain at least a "C" in all of the courses listed below.

Course	Credits
Required Courses	
MATH 050 - Calculus I	4
MATH 054 - Introduction to Discrete Mathematics	3
MATH 061 - Geometry for 6-12 Mathematics Teachers	3
MATH 063 - Math & Technology for Teachers	3
MATH 070 - Calculus II	4

MATH 080 - Linear Algebra	3
MATH 101 - Mathematical Reasoning	3
MATH 144 - Topics in Mathematics Education	3
MATH 145 - Methods of Teaching Secondary School Mathematics	3
MATH 192 - Mathematics Education Secondary Capstone	1
CS 065 - Introduction to Computer Science I	3
Choose one from the following	
MATH 062 (Recommended) - Statistics and Probability for 6-12 Mathematics Teachers	3
STAT 071 - Statistics I	3
ACTS/MATH 131 - Introduction to Probability I	4
Choose two from the following	
MATH 153 - Modern Geometry	3
MATH 155 - Introduction to Abstract Algebra I	3
MATH 157 - History of Mathematics	3
MATH 184 - Introduction to Real Analysis	3
MATH 187 - Complex Analysis	3
Strongly recommended additional courses	
MATH 125 - Mathematical Modeling	3
MATH 195 - Tutoring of Mathematics	3
Total	42-43

### Mathematics for Secondary Education Minor

The minor provides the courses necessary for mathematics as a secondary teaching field. A student must have a departmental minor advisor and complete the following courses. Minimum required credit hours = 29.

Course	Credits
Required courses	
MATH 050 - Calculus I	4
MATH 054 - Discrete Mathematics	3
MATH 070 - Calculus II	4
MATH 144 - Topics for Mathematics Teaching	3
MATH 145 - Methods of Teaching Secondary School Mathematics	3
Choose one of the following algebra courses	
MATH 080 - Linear Algebra	3
MATH 155 - Introduction to Abstract Algebra I	3
Choose one of the following geometry courses	
MATH 061 (Recommended) - Geometry for 6-12 Teachers	3
MATH 153 - Modern Geometry	3

Choose one of the following statistics courses	
MATH 062 (Recommended) - Statistics and Probability for 6-12 Teachers	3
ACTS/MATH 131 - Introduction to Probability I	4
STAT 071 - Statistics I	3
Choose one of the following technology courses	
MATH 045 (Recommended) - Mathematics and Technology	3
CS 010 - Preview of Computer Science	3
CS 065 - Introduction to Computer Science I	3
Strongly recommended additional courses	
MATH 157 - History of Mathematics	3
MATH 195 - Tutoring of Mathematics	3
Total	29-30

## Music

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in music - Intended for students who wish to balance music training with other academic courses.
- Bachelor of Music (B.M.) with majors in applied music for voice, piano, strings, or wind/brass/percussion. Students also may pursue a B.M. degree with elective studies in business.
- Bachelor of Music Education (B.M.E.) - Completion of this degree qualifies the student for a State of Iowa teaching certificate. Music education students achieve specialization in one of the following two areas:
  - Choral/general music emphasis
  - Instrumental/general music emphasis
- Music Minor
- Jazz Studies concentration

Music department web site: <https://www.drake.edu/music/>

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### Program Overview

The Department of Music in the School of Fine Arts is an accredited institutional member of the National Association of Schools of Music. The requirements for entrance and for graduation are in accordance with the published regulations of this association.

For more information regarding specific policies, procedures, regulations, ensembles, recitals, competitions, student organizations, and other resources, consult the Music Department web site ([www.drake.edu/music/](http://www.drake.edu/music/)).

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### B.A. Degree Requirements

Candidates for the B.A. degree in music are prepared for graduate studies in music (particularly in musicology, music theory, ethnomusicology or music therapy) or interdisciplinary fields that emphasize musical knowledge or related skills (such as music criticism or library science). This degree is particularly well suited for students wishing to pursue a double major in music and another field, for those interested in pursuing academic research in music, or for those looking for a wide-ranging liberal arts curriculum that emphasizes studies in music.

The completion of a senior thesis on a topic in music of the candidate's choice is required during the senior year. The B.A. degree is not intended to be a substitute for any of the professional degrees offered by the Department of Music.

Course	Credits
MUS 001 - Materials of Music I	3

MUS 002 - Materials of Music I	1
MUS 003 - Materials of Music II	3
MUS 004 - Materials of Music II	1
MUS 021 - Recitals	8 semesters
MUS 051 - Materials of Music III	3
MUS 052 - Materials of Music III	1
MUS 053 - Materials of Music IV	3
MUS 054 - Materials of Music IV	1
MUS 081 - World Music	3
MUS 085 - Music History I	3
MUS 095 - Music History II	3
MUS 105 - Music History III	3
MUS 107 - Analysis of Post-Tonal Music	3
Ensemble - Select from the following, depending on candidate's chosen path. A minimum of 8 credits is required.	
MUS 148 - Band	1
MUS 149 - Choir	1
MUS 150 - Orchestra	1
Music Literature/Theory Electives - Select 5-6 credits from the following.	5-6
MUS 096 - Music in the Classical Era	3
MUS 101 - Contrapuntal Techniques	3
MUS 102 - Structure and Design	3
MUS 106 - Symphonic Literature	2
MUS 108 - Composition	2
MUS 109 - Piano Literature to 1800	2
MUS 110 - Piano Literature 1800-Present	2
MUS 167 - Junior Research Seminar	1
MUS 168 - Senior Thesis	2
Applied Instrument - Select from the following, depending on candidate's chosen path. A minimum of 16 credits, all from the same instrument/voice, is required.	
MUS 170 - Piano	1-6
MUS 171 - Voice	1-6
MUS 172 - Organ	1-6
MUS 173 - Violin	1-6
MUS 174 - Cello	1-6
MUS 175 - Trumpet	1-6
MUS 176 - Flute	1-6
MUS 177 - Percussion	1-6
MUS 178 - Clarinet	1-6

MUS 179 - Oboe	1-6
MUS 180 - Harpsichord	1-6
MUS 182 - Viola	1-6
MUS 185 - Bassoon	1-6
MUS 186 - Saxophone	1-6
MUS 187 - French Horn	1-6
MUS 188 - Trombone	1-6
MUS 189 - Euphonium	1-6
MUS 190 - Harp	1-6
MUS 191 - Tuba	1-6
MUS 193 - String Bass	1-6
MUS 194 - Classical Guitar	1-6
<b>TOTAL</b>	<b>63-64</b>

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## B.M. Degree Requirements

Candidates for the B.M. degree with a major in applied music are prepared for full-time or part-time work as performers, as leaders of community choral or instrumental groups, as studio teachers or as teachers of applied music in private schools or colleges. The candidate must complete a minimum of 124 credit hours.

An acceptable senior recital of approximately one hour's duration in the student's major applied music field is required.

### *Winds and Percussion Track*

The winds and percussion track takes 39 to 40 hours in the applied major and minor, 31 to 34 hours in music theory and history-literature and eight hours of ensemble, plus the Drake Curriculum and free electives. (Hours vary according to each instrument; students should consult with advisers for specific number of hours.)

Course	Credits
MUS 001 - Materials of Music I	3
MUS 002 - Materials of Music I	1
MUS 003 - Materials of Music II	3
MUS 004 - Materials of Music II	1
MUS 006 - Piano Laboratory I (or equivalent private lessons in MUS 170)	1
MUS 007 - Piano Laboratory II (or equivalent private lessons in MUS 170)	1
MUS 021 - Recitals	8 semesters
MUS 049 - Piano Laboratory III (or equivalent private lessons in MUS 170)	1
MUS 050 - Piano Laboratory IV (or equivalent private lessons in MUS 170)	1



MUS 051 - Materials of Music III	3
MUS 052 - Materials of Music III	1
MUS 053 - Materials of Music IV	3
MUS 054 - Materials of Music IV	1
MUS 081 - World Music	3
MUS 085 - Music History I	3
MUS 095 - Music History II	3
MUS 105 - Music History III	3
MUS 106 - Symphonic Literature	2
MUS 107 - Analysis of Post-Tonal Music	3
MUS 114 - Studio Teaching Techniques	2
Ensemble - Select from the following, depending on candidate's chosen path. A minimum of 8 credits is required.	
MUS 148 - Band	1
MUS 150 - Orchestra	1
MUS 161 - Instrumental Conducting	2
Applied Instrument - Select from the following, depending on candidate's chosen path. A minimum of 32 credits is required.	
MUS 175 - Trumpet	1-6
MUS 176 - Flute	1-6
MUS 177 - Percussion	1-6
MUS 178 - Clarinet	1-6
MUS 179 - Oboe	1-6
MUS 185 - Bassoon	1-9
MUS 186 - Saxophone	1-6
MUS 187 - French Horn	1-6
MUS 188 - Trombone	1-6
MUS 189 - Euphonium	1-6
MUS 191 - Tuba	1-6
MUS 181 - Chamber Ensemble	1-3
Senior Recital	

### *Piano Track*

The piano track takes 39 to 40 hours in the applied major and minor, 31 to 34 hours in music theory and history-literature and eight hours of ensemble, plus the Drake Curriculum and free electives. (Hours vary according to each instrument; students should consult with advisers for specific number of hours.)

Course	Credits
MUS 001 - Materials of Music I	3
MUS 002 - Materials of Music I	1

MUS 003 - Materials of Music II	3
MUS 004 - Materials of Music II	1
MUS 021 - Recitals	8 semesters
MUS 051 - Materials of Music III	3
MUS 052 - Materials of Music III	1
MUS 053 - Materials of Music IV	3
MUS 054 - Materials of Music IV	1
MUS 081 - World Music	3
MUS 085 - Music History I	3
MUS 092 - Advanced Keyboard Skills	1
MUS 095 - Music History II	3
MUS 105 - Music History III	3
MUS 107 - Analysis of Post-Tonal Music	3
MUS 109 - Piano Literature to 1800	2
MUS 110 - Piano Literature 1800-Present	2
MUS 113 - Piano Studio Teaching Techniques and Materials	3
Ensemble - Select from the following, depending on candidate's chosen path. A minimum of 8 credits is required.	
MUS 148 - Band	1
MUS 149 - Choir	1
MUS 150 - Orchestra	1
MUS 161 - Instrumental Conducting, or MUS 163 - Choral Conducting	2
MUS 170 - Piano - A minimum of 32 credits of MUS 170 is required.	32
Senior Recital	

### *Strings Track*

The strings track takes 39 to 40 hours in the applied major and minor, 31 to 34 hours in music theory and history-literature and eight hours of ensemble, plus the Drake Curriculum and free electives. (Hours vary according to each instrument; students should consult with advisers for specific number of hours.)

Course	Credits
MUS 001 - Materials of Music I	3
MUS 002 - Materials of Music I	1
MUS 003 - Materials of Music II	3
MUS 004 - Materials of Music II	1
MUS 006 - Piano Laboratory I (or equivalent private lessons in MUS 170)	1
MUS 007 - Piano Laboratory II (or equivalent private lessons in MUS 170)	1
MUS 021 - Recitals	8 semesters

MUS 049 - Piano Laboratory III (or equivalent private lessons in MUS 170)	1
MUS 050 - Piano Laboratory IV (or equivalent private lessons in MUS 170)	1
MUS 051 - Materials of Music III	3
MUS 052 - Materials of Music III	1
MUS 053 - Materials of Music IV	3
MUS 054 - Materials of Music IV	1
MUS 059 - Orchestral Excerpts	2
MUS 081 - World Music	3
MUS 085 - Music History I	3
MUS 095 - Music History II	3
MUS 105 - Music History III	3
MUS 107 - Analysis of Post-Tonal Music	3
Upper division music courses - Select 8 credits from the following.	
MUS 106 - Symphonic Literature	2
MUS 114 - Studio Teaching Techniques	2
MUS 116 - String Literature	2
MUS 161 - Instrumental Conducting	2
MUS 150 - Orchestra - A minimum of 8 credits is required.	8
Applied Instrument - Select from the following, depending on candidate's chosen path. A minimum of 32 credits is required.	
MUS 173 - Violin	1-6
MUS 174 - Cello	1-6
MUS 182 - Viola	1-6
MUS 193 - String Bass	1-6
MUS 194 - Classical Guitar	1-6
MUS 181 - Chamber Ensemble	1-3
Senior Recital	

### *Vocal Track*

The vocal track takes 43 hours in applied music, 33 hours in music theory and history-literature, and eight hours of ensemble, plus the Drake Curriculum and free electives. [\*Fulfillment of the foreign language requirement for the vocal major is to be approved by the student's adviser.\*]

Course	Credits
MUS 001 - Materials of Music I	3
MUS 002 - Materials of Music I	1
MUS 003 - Materials of Music II	3
MUS 004 - Materials of Music II	1
MUS 006 - Piano Laboratory I (or equivalent private lessons in MUS 170)	1
MUS 007 - Piano Laboratory II (or equivalent private lessons in MUS 170)	1

MUS 021 - Recitals	8 semesters
MUS 049 - Piano Laboratory III (or equivalent private lessons in MUS 170)	1
MUS 050 - Piano Laboratory IV (or equivalent private lessons in MUS 170)	1
MUS 051 - Materials of Music III	3
MUS 052 - Materials of Music III	1
MUS 053 - Materials of Music IV	3
MUS 054 - Materials of Music IV	1
MUS 075 - Diction for Singers I	2
MUS 076 - Diction for Singers II	2
MUS 081 - World Music	3
MUS 085 - Music History I	3
MUS 095 - Music History II	3
MUS 105 - Music History III	3
MUS 107 - Analysis of Post-Tonal Music	3
MUS 140 - Vocal Literature	2
MUS 154 - Vocal Pedagogy	2
MUS 163 - Choral Conducting	2
MUS 149 - Choir - A minimum of 8 credits is required.	8
MUS 171 - Piano - A minimum of 32 credits is required.	32
Foreign Language	6
Senior Recital	

### *Elective Studies in Business*

Course	Credits
ACCT 041 - Introduction to Financial Accounting	3
BLAW 060 - Business Law I	3
ECON 002 - Principles of Microeconomics	3
ECON 010 - Principles of Macroeconomics	3
ENTR 101 - Introduction to Entrepreneurship	3
FIN 095 - Managing Individual Finances	3
IS 044 - Microsoft Office Tools for Business Analysis	2
MKTG 101 - Marketing Principles	3
MGMT 110 - Organizational Behavior	3
MUS 001 - Materials of Music I	3
MUS 002 - Materials of Music I	1
MUS 003 - Materials of Music II	3
MUS 004 - Materials of Music II	1
MUS 006 - Piano Laboratory I (or equivalent private lessons in MUS 170)	1

MUS 007 - Piano Laboratory II (or equivalent private lessons in MUS 170)	1
MUS 021 - Recitals	8 semesters
MUS 049 - Piano Laboratory III (or equivalent private lessons in MUS 170)	1
MUS 050 - Piano Laboratory IV (or equivalent private lessons in MUS 170)	1
MUS 051 - Materials of Music III	3
MUS 052 - Materials of Music III	1
MUS 053 - Materials of Music IV	3
MUS 054 - Materials of Music IV	1
MUS 081 - World Music	3
MUS 085 - Music History I	3
MUS 091 - Performing Arts Management	3
MUS 095 - Music History II	3
MUS 105 - Music History III	3
MUS 107 - Analysis of Post-Tonal Music	3
Ensemble - Select from the following, depending on candidate's chosen path. A minimum of 8 credits is required.	
MUS 148 - Band	1
MUS 149 - Choir	1
MUS 150 - Orchestra	1
MUS 161 - Instrumental Conducting, or MUS 163 - Choral Conducting	2
MUS 165 - Professional Internship in Music	3
Applied Instrument - Select from the following, depending on candidate's chosen path. A minimum of 16 credits is required.	
MUS 170 - Piano	1-6
MUS 171 - Voice	1-6
MUS 172 - Organ	1-6
MUS 173 - Violin	1-6
MUS 174 - Cello	1-6
MUS 175 - Trumpet	1-6
MUS 176 - Flute	1-6
MUS 177 - Percussion	1-6
MUS 178 - Clarinet	1-6
MUS 179 - Oboe	1-6
MUS 180 - Harpsichord	1-6
MUS 182 - Viola	1-6
MUS 185 - Bassoon	1-6
MUS 186 - Saxophone	1-6
MUS 187 - French Horn	1-6

MUS 188 - Trombone	1-6
MUS 189 - Euphonium	1-6
MUS 190 - Harp	1-6
MUS 191 - Tuba	1-6
MUS 193 - String Bass	1-6
MUS 194 - Classical Guitar	1-6
<b>TOTAL</b>	<b>94</b>

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## Music Minor

The minor in music is intended for students with musical skills who do not wish to pursue careers in music. This program does not satisfy the requirement for certification in a minor teaching area. The minimum requirement for the minor is 22 credit hours. Music history/literature and music electives must be chosen in consultation with a designated music faculty adviser. An audition is required in the applied music area.

Course	Credits
MUS 001 - Materials of Music I	3
MUS 002 - Materials of Music I	1
MUS 003 - Materials of Music II	3
MUS 004 - Materials of Music II	1
MUS 080 - Music in Western Culture	3
Music history/literature electives - Select 2-3 credits from the following, subject to advisor approval.	
MUS 010 - Jazz History	2
MUS 073 - Music Since 1900	3
MUS 078 - Introduction to Jazz	3
MUS 081 - World Music	3
MUS 085 - Music History I	3
MUS 095 - Music History II	3
MUS 105 - Music History III	3
MUS 096 - Music in the Classical Era	3
MUS 109 - Piano Literature to 1800	2
MUS 110 - Piano Literature 1800-Present	2
MUS 116 - String Literature	2
MUS 119 - Music and Politics	3
MUS 120 - Shape Notes and Sacred Harps	3
MUS 140 - Vocal Literature	2
Other music electives - Select 5-6 MUS credits, subject to advisor approval.	

Applied Instrument - Select from the following, depending on candidate's chosen path. A minimum of 4 credits, all from the same instrument/voice, is required.	
MUS 170 - Piano	1-6
MUS 171 - Voice	1-6
MUS 172 - Organ	1-6
MUS 173 - Violin	1-6
MUS 174 - Cello	1-6
MUS 175 - Trumpet	1-6
MUS 176 - Flute	1-6
MUS 177 - Percussion	1-6
MUS 178 - Clarinet	1-6
MUS 179 - Oboe	1-6
MUS 180 - Harpsichord	1-6
MUS 182 - Viola	1-6
MUS 185 - Bassoon	1-6
MUS 186 - Saxophone	1-6
MUS 187 - French Horn	1-6
MUS 188 - Trombone	1-6
MUS 189 - Euphonium	1-6
MUS 190 - Harp	1-6
MUS 191 - Tuba	1-6
MUS 193 - String Bass	1-6
MUS 194 - Classical Guitar	1-6
<b>TOTAL</b>	<b>22</b>

## Music Education

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

Bachelor of Music Education (B.M.E.) with a major in Music Education  
Choral/General Music specialization  
Instrumental/General Music specialization

Department of Music web site ([www.drake.edu/music](http://www.drake.edu/music))

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### Program Overview

The Music Education curriculum is designed specifically for musicians who wish to be certified to teach music in the public schools.

The student qualifies for ensemble/general classroom music teaching in the public schools upon completion of the degree requirements. The student at the same time achieves specialization in one of two areas: choral/general music, or instrument/general music.

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### B.M.E. Degree Requirements

Degree program requirements vary depending upon the area of specialization. Completion of the program leading to the Bachelor of Music Education degree qualifies the candidate for a State of Iowa Teaching Certificate. Applicants who qualify for certificates in other states are recommended for those certificates by the School of Education ([drake.edu/soe/](http://drake.edu/soe/)).

Candidates for this degree must complete a total of 124-130 credits: 18 credits in applied music, 19 credits in music theory, 12 credits in music history-literature, 13-15 credits of music education and methods courses, 28 credits of professional education and 7 credits of ensemble, plus the Drake Curriculum. Prior to student teaching, all candidates will have completed one semester of a small ensemble experience during their years at Drake.

By the end of the sophomore year, music education students must have completed EDUC 103, 108, and SPED 120. Prospective teachers must pass the Praxis I exam, known as the Pre-Professional Skills Test (PPST) in order to apply for entrance into the Teacher Education Program. Scores should be sent electronically to the School of Education. In addition, the candidate's G.P.A. must be 2.5 or higher to be admitted into the Teacher Education Program. A Sophomore Checkpoint will be completed with Professor of Music Education. A piano proficiency exam is administered at the end of this semester. Four semesters of some piano experience is required of all BME majors.

Instrumental Methods Courses: These are methods and materials courses for instrumental/general music education majors. The goal of these courses is to introduce instrumental music education majors to the



instruments and the appropriate pedagogy necessary for successful teaching. Five or six are to be selected from the following options:

- MUS 061 - String Methods and Materials
- MUS 065 - High Brass Methods and Materials
- MUS 066 - Low Brass Methods and Materials
- MUS 067 - Single Reed and Flute Methods and Materials
- MUS 068 - Double Reed Methods and Materials
- MUS 071 - Percussion Methods and Materials

Areas of Inquiry can be fulfilled in various configurations. Consult with your advisor to select those that fit your personal curriculum and time schedules so as to not conflict with methods courses necessary for your B.M.E. degree.

Observation Hours: 70 hours are earned in EDUC courses, plus another 18-20 in MUS ED courses (88-90 hours total). Plan to obtain another 8 hours on your own during summer or winter breaks. Observation hours in your hometown can be used if you document them with signatures of the licensed teachers you observe. All observation forms (with signatures) should be copied to the music education professor.

### Choral/General Classroom Emphasis

Course	Credits
EDUC 103 - Foundations in Education	3
EDUC 108 - Student Development and Learning Theory	3
EDUC 109 - Educational Technology	3
EDUC 142 - Teaching Disciplinary Literature	3
EDUC 166 - Student Teaching Elementary	5
EDUC 167 - Instruction and Management for Secondary Grades	1
EDUC 168 - Student Teaching Secondary	2-11
EDUC 169 - E-Portfolio for Student Teachers	1
MUS 001 - Materials of Music I	3
MUS 002 - Materials of Music I	1
MUS 003 - Materials of Music II	3
MUS 004 - Materials of Music II	1
MUS 006 - Piano Laboratory I (or equivalent private lessons in MUS 170)	1
MUS 007 - Piano Laboratory II (or equivalent private lessons in MUS 170)	1
MUS 013 - Introduction to Music Education	1
MUS 021 - Recitals	8 semesters
MUS 049 - Piano Laboratory III (or equivalent private lessons in MUS 170)	1
MUS 050 - Piano Laboratory IV (or equivalent private lessons in MUS 170)	1
MUS 051 - Materials of Music III	3
MUS 052 - Materials of Music III	1

MUS 053 - Materials of Music IV	3
MUS 054 - Materials of Music IV	1
MUS 075 - Diction for Singers I	2
MUS 076 - Diction for Singers II	2
MUS 081 - World Music	3
MUS 085 - Music History I	3
MUS 095 - Music History II	3
MUS 105 - Music History III	3
MUS 107 - Analysis of Post-Tonal Music	3
Ensemble - Select from the following, depending on candidate's chosen path. A minimum of 8 credits is required.	
MUS 148 - Band	1
MUS 149 - Choir	1
MUS 150 - Orchestra	1
MUS 154 - Vocal Pedagogy, or EDUC 164 - Perspectives on Race, Ethnicity, and Gender	2 3
MUS 155 - Tech Jazz/Show Choir	2
MUS 156 - Elementary Vocal-General Music Education (K-6)	3
MUS 158 - Secondary Vocal-General Music Education	3
MUS 162 - Planning and Assessment Music Education	1
MUS 163 - Choral Conducting	2
MUS 164 - Survey of Orchestra Instruments for Vocal Education	1
MUS 166 - Advanced Choral Conducting	2
Applied Instrument - Select from the following, depending on candidate's chosen path. A minimum of 16 credits, all from the same instrument/voice, is required.	
MUS 170 - Piano	1-6
MUS 171 - Voice	1-6
MUS 172 - Organ	1-6
MUS 173 - Violin	1-6
MUS 174 - Cello	1-6
MUS 175 - Trumpet	1-6
MUS 176 - Flute	1-6
MUS 177 - Percussion	1-6
MUS 178 - Clarinet	1-6
MUS 179 - Oboe	1-6
MUS 180 - Harpsichord	1-6
MUS 182 - Viola	1-6
MUS 185 - Bassoon	1-6
MUS 186 - Saxophone	1-6

MUS 187 - French Horn	1-6
MUS 188 - Trombone	1-6
MUS 189 - Euphonium	1-6
MUS 190 - Harp	1-6
MUS 191 - Tuba	1-6
MUS 193 - String Bass	1-6
MUS 194 - Classical Guitar	1-6
SPED 120 - Introduction to Special Education	3
TOTAL	

### Instrumental/General Classroom Emphasis

Course	Credits
EDUC 103 - Foundations in Education	3
EDUC 108 - Student Development and Learning Theory	3
EDUC 109 - Educational Technology	3
EDUC 142 - Teaching Disciplinary Literature	3
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
EDUC 166 - Student Teaching Elementary	5
EDUC 167 - Instruction and Management for Secondary Grades	1
EDUC 168 - Student Teaching Secondary	2-11
EDUC 169 - E-Portfolio for Student Teachers	1
MUS 001 - Materials of Music I	3
MUS 002 - Materials of Music I	1
MUS 003 - Materials of Music II	3
MUS 004 - Materials of Music II	1
MUS 006 - Piano Laboratory I (or equivalent private lessons in MUS 170)	1
MUS 007 - Piano Laboratory II (or equivalent private lessons in MUS 170)	1
MUS 013 - Introduction to Music Education	1
MUS 021 - Recitals	8 semesters
MUS 049 - Piano Laboratory III (or equivalent private lessons in MUS 170)	1
MUS 050 - Piano Laboratory IV (or equivalent private lessons in MUS 170)	1
MUS 051 - Materials of Music III	3
MUS 052 - Materials of Music III	1
MUS 053 - Materials of Music IV	3
MUS 054 - Materials of Music IV	1
Instrumental Methods and Courses - Select 5-6 credits from the following	
MUS 061 - String Methods and Materials	1
MUS 062 - Vocal Methods and Materials	1

MUS 065 - High Brass Methods and Materials	1
MUS 066 - Low Brass Methods and Materials	1
MUS 067 - Single Reed and Flute Methods and Materials	1
MUS 068 - Double Reed Methods and Materials	1
MUS 071 - Percussion Methods and Materials	1
MUS 081 - World Music	3
MUS 085 - Music History I	3
MUS 095 - Music History II	3
MUS 105 - Music History III	3
MUS 107 - Analysis of Post-Tonal Music	3
Ensemble - Select from the following, depending on candidate's chosen path. A minimum of 8 credits is required.	
MUS 148 - Band	1
MUS 150 - Orchestra	1
MUS 134 - Marching Band Techniques	2
MUS 146 - Techniques in Jazz Performance	2
MUS 156 - Elementary Vocal-General Music Education (K-6)	3
MUS 159 - Instrument Performance in Elementary and Secondary Schools	3
MUS 161 - Instrumental Conducting	2
MUS 162 - Planning and Assessment Music Education	1
Applied Instrument - Select from the following, depending on candidate's chosen path. A minimum of 16 credits, all from the same instrument/voice, is required.	
MUS 170 - Piano	1-6
MUS 171 - Voice	1-6
MUS 172 - Organ	1-6
MUS 173 - Violin	1-6
MUS 174 - Cello	1-6
MUS 175 - Trumpet	1-6
MUS 176 - Flute	1-6
MUS 177 - Percussion	1-6
MUS 178 - Clarinet	1-6
MUS 179 - Oboe	1-6
MUS 180 - Harpsichord	1-6
MUS 182 - Viola	1-6
MUS 185 - Bassoon	1-6
MUS 186 - Saxophone	1-6
MUS 187 - French Horn	1-6
MUS 188 - Trombone	1-6
MUS 189 - Euphonium	1-6

MUS 190 - Harp	1-6
MUS 191 - Tuba	1-6
MUS 193 - String Bass	1-6
MUS 194 - Classical Guitar	1-6
SPED 120 - Introduction to Special Education	3
TOTAL	

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## Musical Theatre

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Fine Arts (B.F.A.) with a major in Musical Theatre
- Minor in Musical Theatre

Theatre Arts department web site ([www.drake.edu/theatre/](http://www.drake.edu/theatre/))

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### Program Overview

The musical theatre program provides students with a solid training in preparation for a career in the professional theatre. Students take classes in movement, voice, singing (both musical theatre and classical) dance (jazz, tap, ballet, modern and musical theatre dance), piano, music theory and various acting styles and techniques. Students are also given opportunities to hone their skills as performers within experimental productions, performances as part of classroom work and the annual musical.

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### B.F.A. Degree Requirements

The musical theatre program provides students with a solid theatre education and experience. Students take classes in movement, voice and acting styles. Courses in mime and stage combat are also offered. Musical theatre students take a series of support courses in music as well as upper-level performance courses. Students are also given opportunities to hone their skills as performers within experimental productions, performances as part of classroom work, and the annual musical.

The B.F.A. degree in musical theatre requires 75 credit hours in theatre arts, 15 hours in music and the Drake Curriculum.

Course	Credits
THEA 003 - Acting I	3
THEA 004 - Acting II	3
THEA 005 - Readings in Theatre	3
THEA 014 - Movement I	2
THEA 015 - Movement II	2
THEA 018 - Musical Theatre Dance Styles	3
THEA 020 - Voice I	2
THEA 021 - Voice II	3
THEA 030 - Stagecraft (including lab)	4
THEA 031 - Costuming (including lab)	4

THEA 032 - Makeup	3
THEA 055 - Acting III	3
THEA 056 - Jazz	3
THEA 057 - Tap	3
THEA 058 - Ballet	3
THEA 059 - Modern	3
THEA 060 - Musical Theatre I	3
THEA 100 - Acting IV	3
THEA 101 - Musical Theatre II	3
THEA 102 - Auditioning	3
THEA 103 - Directing I	3
THEA 120 - Theatre History I	3
THEA 121 - Theatre History II	3
THEA 123 - American Musical Theatre	3
THEA 124 - Technical Practicum	1
THEA 160 - Stage Management	3
THEA 190 - Senior Capstone	1
MUS 006 - Piano Lab 1*	1
MUS 007 - Piano Lab 2	1
MUS 011 - Foundations of Music Theory	3
MUS 049 - Piano Lab 3	1
MUS 050 - Piano Lab 4	1
MUS 171 - Voice Lessons 1	1
MUS 171 - Voice Lessons 2	1
MUS 171 - Voice Lessons 3	1
MUS 171 - Voice Lessons 4	1
MUS 171 - Voice Lessons 5	1
MUS 171 - Voice Lessons 6	1
MUS 171 - Voice Lessons 7	1
MUS 171 - Voice Lessons 8	1
Total	88

\* Students must demonstrate competency in piano equivalent to the completion of MUS 007. This may require students to take MUS 006 as a prerequisite depending on level of experience. Students proficient in piano beyond the level of MUS 007 are eligible to test out of the requirement entirely. All determinations regarding piano proficiency are at the discretion of the piano instructor.

The musical theatre program provides students with a solid theatre education and experience. Students take classes in movement, voice and acting styles. Courses in mime and stage combat are also offered. Musical theatre students take a series of support courses in music as well as upper-level performance courses. Students are also given opportunities to hone their skills as performers within experimental productions, performances as part of classroom work, and the annual musical.

For students seeking a degree in another area who wish to minor in Musical Theatre, the following courses are required by the department:

Course	Credits
THEA 003 - Acting I	3
THEA 004 - Acting II	3
THEA 014 - Movement I	2
THEA 060 - Musical Theatre I	3
THEA 123 - American Musical Theatre	3
Choose one of the following courses:	
THEA 015 - Movement II	2
THEA 020 - Voice I	2
THEA 032 - Makeup	3
Choose one of the following courses:	
THEA 018 - Musical Theatre Dance Styles	3
THEA 056 - Jazz	3
THEA 057 - Tap	3
THEA 058 - Ballet	3
THEA 059 - Modern	3
Required Music Courses:	
MUS 006 - Piano Lab I*	1
MUS 007 - Piano Lab II	1
MUS 011 - Foundations of Music Theory	3
MUS 171 - Voice Lessons 1	1
MUS 171 - Voice Lessons 2	1
Total	24-27

\* Students must demonstrate competency in piano equivalent to the completion of MUS 007. This may require students to take MUS 006 as a prerequisite depending on level of experience. Students proficient in piano beyond the level of MUS 007 are eligible to test out of the requirement entirely. All determinations regarding piano proficiency are at the discretion of the piano instructor.



## Neuroscience

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Science (B.S.) degree with a major in Neuroscience
- Neuroscience minor

Psychology and Neuroscience department web site ([www.drake.edu/psychology/](http://www.drake.edu/psychology/))

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### Program Overview

The neuroscience program is nested under the direction of the Department of Psychology and Neuroscience, while maintaining strong interdisciplinary connections. The program is designed to represent the psychological and biological foundations of this growing field.

Undergraduates preparing for careers in neuroscience or related fields must have a strong scientific foundation in the natural sciences. Students studying neuroscience at Drake University will be exposed to an interdisciplinary environment through coursework in physical and life sciences, close interactions with faculty and the opportunity to participate in research projects. The interdisciplinary nature of neuroscience can be appealing to students in allied fields such as psychology and biology, thus making earning a double major or minor an attractive option.

There are many career paths available to students interested in neuroscience or related fields. Some are interested in attending graduate school to pursue a career in basic or applied research and teaching. Others may want a neuroscience background as a foundation for further training in a health care field, such as medicine, physical therapy, optometry and nursing. Still others may want exposure to neuroscience topics because of an interest in professional writing (newspaper, magazine) about the field or working in a related field such as the pharmaceutical or biotechnology industry. In all cases, students should work with their academic advisor to determine what path is best for them.

The neuroscience program at Drake University contains a major (B.S.) and a minor. The B.S. degree in neuroscience requires at least 64 credit hours to complete. Students must obtain a minimum GPA of 2.0 in the major (computed across all major courses) to graduate with a B.S. in Neuroscience. The minor requires 24 credits hours.

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### B.S. Degree Requirements

The curriculum for a B.S. in neuroscience at Drake University is described below. Completion of the program requires completion of the course requirements listed below. Students will work with their advisor to make appropriate course selections when options are available, thus the precise number of credit hours for the major will vary slightly. Core requirements may be transferred by petition.

Course	Credits
General Requirements - complete all courses	
NSCI 001 - Introduction to Neuroscience	3
NSCI 010 - Research Methods in Neuroscience (with lab)	3
BIO 176, 176L - Neurophysiology	3, 1
BIO 012, 012L - General/Pre-Professional Biology I (with lab)	3, 1
BIO 013 - General/Pre-Professional Biology II (with lab)	3, 1
CHEM 001, 003 - General Chemistry I (with lab)	3, 1
CHEM 002, 004 - General Chemistry II (with lab)	3, 1
CHEM 097/098 - Organic Chemistry I (with lab)	3, 1
CHEM 108/110 - Organic Chemistry II (with lab)	3,1
PSY 011 - Introductory Statistics (with lab) Note: BIO 140 - Bio Research & Stat Methods or both STAT 071 - Statistics I and STAT 072 - Statistics II may substitute for PSY 011.	4
Quantitative analysis - choose one course	
MATH 050 - Calculus I	4
PSY 111 - Advanced Statistics (with lab)	4
PSY 133 - Psychological Assessment (with lab)	4
Behavioral Labs - choose one course	
PSY 120/121 - Conditioning and Learning (with lab)	4
PSY 126 - Comparative Psychology (with lab)	4
PSY 125 - Cognitive Psychology (with lab)	4
PSY 123 - Biological Basis of Behavior (with lab)	4
Basic Biology - choose one course	
BIO 105 - Introduction to Genetics	3
BIO 129 - Mammalian Physiology (with lab)	5
BIO 165 - Cell Biology	4
CHEM 130/131 - Biochemistry (with lab)	4
Behavioral Neuroscience - choose one course	
BIO 107/NSCI 127/PSY 127 - Behavior Genetics	3
NSCI 195 - Neurochemistry	3
PHAR 119 - Neuropharmacology	3
PSY 128 - Hormones and Behavior	3
Systems Neuroscience - choose one course	
PHIL 130 - Mind, Brains, and Computers	3
NSCI 195 - Functional Neuroanatomy	3
NSCI 195 - Neurobiology of Learning and Memory	3
PSY 122 - Sensation and Perception	3
Related Elective Courses - choose two courses: at least one upper-division	

BIO 114 - Evolution	3
BIO/CS 116 - Bioinformatics	3
BIO 127 - Histology	4
BIO/PHYS 132 - Medical Biophysics	3
CS 167 - Machine Learning	3
PSY 028 - Drugs and Behavior - note: this course cannot substitute for PHAR 119	3
PSY 060 - Principles of Behavior	3
PSY 076 - Abnormal Psychology	3
PSY 148 - Psychology of Developmental Disabilities	3
PSY 176 - Advanced Psychopathology	3
NSCI 090/091/190/191 - Independent Study	3
NSCI 195 - History of Neuroscience	3
NSCI 198 - Research Seminar	3
PHIL 140 - Neuroscience and the Law	3
Capstone - choose one of the following with the prior approval of both the advisor and instructor	
NSCI 190C or 191C - Independent Study	3
NSCI 192C - Internship	3
NSCI 195 - History of Neuroscience	3
NSCI 198 - Research Seminar	3
Total	64

## Neuroscience Minor

Course	Credits
Basic Foundations of Neuroscience - complete all courses	
NSCI 001 - Introduction to Neuroscience	3
NSCI 010 - Research Methods in Neuroscience (with lab)	3
BIO 012, 012L - General/Pre-Professional Biology I (with lab)	3,1
CHEM 001, 003 - General Chemistry I (with lab)	3,1
Neurobiological Systems - choose one course	
BIO 176 - Neurophysiology	3
PHAR 119 - Neuropharmacology	3
NSCI 095 - Special Topics	3
NSCI 127/PSY 127/BIO 107 - Behavior Genetics	3
NSCI 195 - Special Topics in Neuroscience	3
NSCI 195 - Functional Neuroanatomy	3
NSCI 195 - Neurobiology of Learning and Memory	3
NSCI 195 - Neurochemistry	3
PSY 122 - Sensation and Perception	3
PSY 128 - Hormones and Behavior	3

Advanced Laboratory and Application* - choose one course	
NSCI 090/091/190/191 - Independent Study	3
NSCI 192 - Internship	3
NSCI 198 - Research Seminar	3
PSY 120/121 - Conditioning and Learning (with lab)	4
PSY 123 - Biological Basis of Behavior (with lab)	4
PSY 125 - Cognitive Psychology (with lab)	4
PSY 126 - Comparative Psychology (with lab)	4
<b>Total</b>	<b>24</b>

\*Independent studies, research seminars, and internships count toward the 24 hours required for the minor but do not fulfill the course requirement of the Advanced Laboratory and Application section.

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## Open-Enrolled Arts and Sciences

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

Major only: no degrees awarded in this area. Students who begin with an Open-Enrolled major must declare a major by the start of their junior year.

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### Program Overview

The open-enrolled offers structured and professional guidance, cohort support, and access to opportunities designed to aid students in discovering their strengths, goals, and career path. Through courses in the Drake Curriculum, open-enrolled students explore many fields of study while completing progress toward their degrees, allowing for both thoughtful consideration of the major path, and the ability to stay on track for graduation.

Specialized advising, peer mentoring, networking events, and career exploration workshops for open-enrolled students allow students to choose a major knowing that the choice is informed by active self-discovery and participation in coursework. This program provides students with the resources needed to succeed, graduate on time, and to navigate the university and their future chosen major. Open-enrolled students must declare a major by the start of the junior year, although 75% of students have selected a major by the end of their first year.

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### Major Requirements

No specific coursework is required for the open-enrolled major, but the following introductory coursework provides a strong foundation for students' major exploration and progress toward graduation:

Course	Credit Hours
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ASTR 001/001L - Intro to Astronomy (with lab)	3
BIO 012/012L - General and Pre-Professional Biology I (with lab)	4
CHEM 001/003 - General Chemistry I (with lab)	4
CS 065 - Intro to Computer Science	3
ECON 002 - Microeconomics	3
ENG 038 - Literary Study	4
ENG 039 - Writing Seminar	4
ENSS 035/036 - One Earth: Global Environmental Science (with lab)	4

HIST 001 - Passages to 1750	3
HIST 075 - U.S. History to 1877	3
JMC 030 - Communication in Society	3
JMC 031 - Multimedia Lab	1
Language Courses (Arabic, Chinese, French, German, Japanese, Spanish)	3
LPS 001 - Intro to Law, Politics and Society	3
LPS 002 - Critical Concepts in Law, Politics and Society	3
MATH 020 - Pre-calculus: Algebra and Trigonometry	4
MATH 028 - Business Calculus	3
MATH 050 - Calculus I	4
NSCI 001 - Intro to Neuroscience	3
PHIL 021 - Intro to Philosophy	3
POLS 001 - American Political System	3
POLS 065 - Comparative Politics	3
POLS 075 - World Politics	3
PSY 001 - Intro to Psychology	4
REL 001 - Intro to Religion	3
SCSA 002 - Intro to Cultural Anthropology	3
SCSG 002 - Human Geography	3
SCSG 003 - World Geography	3
SCSS 001 - Survey of Sociology	3
SCSR 024 - Rhetoric as a Liberal Art	3
SCSR 073 - Public Speaking	3
Discipline-Specific Introductory Courses (1 credit)	
BCMB 005 - Intro to Molecular Science	1
BIO 015 - Introduction to Biology	1
BUS 001 - The Business Profession	.5
CHEM 005 - Intro to Molecular Science	1
EDUC 001 - Intro to Education	1
HONR 001 - Honors Practicum	1
PHY 005 - Introductory Topics in Physics	0-4

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## Philosophy

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

## Program Options

- Bachelor of Arts (B.A.) degree with a major in Philosophy
- Minor in Philosophy

Philosophy and Religion department web site ([www.drake.edu/philrel/](http://www.drake.edu/philrel/))

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## Program Overview

The study of philosophy attempts to develop a student's understanding of the presuppositions underlying the main areas of human inquiry, an awareness of the range of reasonable answers to the ultimate questions individuals ask themselves, and a habit of critical reflection concerning the student's own convictions about belief and conduct. In addition to the possibilities that the study of philosophy itself provides, we have much to offer as a department. Our size affords us the luxury of really getting to know our students. We take seriously Drake's commitments to collaborative learning and undergraduate research. We make concerted efforts to involve students in our research projects and programs. And we value the time we spend with students beyond the classroom, engaging in conversation, mentoring students, and building community.

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## B.A. Degree Requirements

The philosophy major is designed to permit broad interdepartmental studies and interdisciplinary syntheses. It provides a desirable background for graduate study and work in human relations, law, literature, the social sciences, religious studies, and theology. In addition to 18 required credits, students may choose either to "concentrate" their 15 elective credits in one area of study or to "generalize" these credits across three different areas of study. Students may also apply non-department courses toward the major (but only with a written application that explains how the course contributes to the student's overall work in philosophy).

Course	Credits
PHIL 021 - Introduction to Philosophy	3
PHIL 090 - Ethics	3
PHIL 104 - Ancient Philosophy	3
PHIL 106 - Modern Philosophy	3
One course in non-Western philosophy	3
REL 064 - Introduction to Buddhism	3
PHIL 102 - Philosophy and Religion in Japan	3
PHIL 103 - Philosophy and Religion in China	3
PHIL 111 - Eastern Philosophy	3
PHIL 121 - Comparative Religions	3
PHIL 125 - Philosophy of Religion	3

PHIL 197 - Senior Capstone	3
Elective courses - students may either "concentrate" by taking all courses from one area of study or "generalize" by taking at least one course from each area of study	15
Area A: Mind, Language, and Knowledge	
PHIL 110 - Phenomenology & Existentialism	3
PHIL 114 - Symbolic Logic	3
PHIL 120 - Language & Interpretation	3
PHIL 126 - Theory of Knowledge/Belief	3
PHIL 128 - Language and Reality	3
PHIL 129 - Philosophy of Science	3
PHIL 130 - Minds, Brains, and Computers	3
PHIL 139 - Moral Truth	3
PHIL 140 - Neuroscience and the Law	3
Area B: Society, Politics, and Values	
PHIL 091 - Contemporary Ethical Problems	3
PHIL 110 - Phenomenology & Existentialism	3
PHIL 117 - Health Care Ethics	3
PHIL 118 - Feminist Ethics	3
PHIL 124 - Health and Social Justice	3
PHIL 137 - Rights & Responsibilities	3
PHIL 138 - Philosophy of Art	3
PHIL 140 - Neuroscience and the Law	3
Area C: Comparative Philosophy	
REL 062 - Religions of India	3
PHIL 102 - Philosophy and Religion in Japan	3
PHIL 103 - Philosophy and Religion in China	3
PHIL 111 - Eastern Philosophy	3
PHIL 121 - Comparative Religions	3
PHIL 125 - Philosophy of Religion	3
TOTAL	33

### Philosophy Minor

Course	Credits
PHIL 021 - Introduction to Philosophy, or PHIL 090 - Ethics	3 3
PHIL 104 - Ancient Philosophy, or PHIL 106 - Modern Philosophy	3 3
Elective courses - at least two must be 100+ level	12
TOTAL	18





## Physics

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Physics
- Bachelor of Science (B.S.) with a major in Physics
- Physics minor
- Physics/Engineering 3+2 or 4+2 programs with Washington University
- Biophysics Concentration

Physics and Astronomy department web page ([www.drake.edu/physics/](http://www.drake.edu/physics/))

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### Program Overview

The basic physics major is designed for students who are interested in a career in industry, government laboratories and applied science or in further study toward a graduate degree.

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### B.A. Degree Requirements

This degree is suitable for students who want a rigorous background in physics or astronomy. It also can be used as the basis for graduate studies and careers in engineering, actuarial science, medicine, law, computer programming and finances. It can be accompanied by the Biophysics concentration for those students interested in applications of physics to biological systems. The physics B.A. program is rigorous in Mathematics.

Course	Credits
PHY 001 (with lab and discussion) - Physics 1	4
PHY 002 (with lab and discussion) - Physics 2	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 050 (with recommended discussion) - Modern Physics	4
PHY 059 - Advanced Lab I	2
PHY 061 - Error Theory	1
PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
PHY 149 - Advanced Lab II	2
PHY 191 - Seminar I	1
PHY 192 - Seminar II	1
PHY 197/198 - Research I/II (Senior Capstone)*	4

Electives - choose at least one from:	
ASTR 001 - Astronomy I	4
ASTR 180-183 - Directed Independent Study in Astronomy	1-3
ASTR 185/195 - Astrophysics I/II	4
PHY 060 - Biophysics	3
PHY 133 - Electronics	4
PHY 170 - Directed Physics Independent Study	1-3
PHY 181 - Quantum Theory	4
PHY 182 - Thermodynamics and Statistical Physics	4
PHY 188 - Advanced Classical Physics	4
<b>TOTAL</b>	<b>32+</b>

NOTE: Students in the B.A. program must be advised that graduate studies in physics will require more of the advanced courses.

Requirements for the program also include General Chemistry I, with laboratory and related courses in mathematics and computer science appropriate to the options chosen by the student.

Depending on the student's career goals, the academic advisor may recommend courses chosen from electives.

### Grade Requirements for Graduation

2.0 minimum (C) average is required in all physics-credit courses. In addition a C is required for Modern Physics, Advanced Lab I, Theoretical Mechanics and Electromagnetic Theory.

\* Research Participation (Capstone): 3 cr (min) of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates). A paper and an oral presentation are required.

### B.S. Degree Requirements

This degree is suitable for students who want to pursue graduate studies leading to research and academic careers in physics, biophysics or related fields. It can also be used as the basis for other careers such as engineering, actuarial science, medicine, law, computer programming and finances. It can be accompanied by the Biophysics concentration for those students interested in applications of physics to biological systems. The Physics B.S. program is very rigorous in Mathematics.

Course	Credits
PHY 001 (with lab and discussion) - Physics 1	4
PHY 002 (with lab and discussion) - Physics 2	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 050 (with discussion) - Modern Physics	4

PHY 059 - Advanced Lab I	2
PHY 061 - Error Theory	1
PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
PHY 133 (with lab) - Electronics	4
PHY 149 - Advanced Lab II	2
PHY 181 - Quantum Theory	4
PHY 182 - Thermodynamics and Statistical Physics	4
PHY 191 - Seminar I	1
PHY 192 - Seminar II	1
PHY 197/198 - Research I/II (Senior Capstone)*	4
Electives - choose at least one from:	
ASTR 185/195 - Astrophysics I/II	4
PHY 025 - Special Topics	1-3
PHY 132 - Medical Biophysics	3
PHY 170 - Directed Physics Independent Study	1-3
PHY 180 - Atomic and Molecular Physics	4
PHY 183 - Nuclear and Particle Physics	4
PHY 186 - Plasma Physics	3
PHY 187 - Solid State Physics	3
PHY 188 - Advanced Classical Physics	4
TOTAL	44+

\* Research Participation (Capstone): 4 cr (min) of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates). A paper and an oral presentation are required.

Requirements for the program also include General Chemistry I, with laboratory and related courses in mathematics and computer science appropriate to the options chosen by the student.

Depending on the student's career goals, the academic advisor may recommend courses chosen from electives.

### **Grade Requirements for Graduation**

2.0 minimum (C) average is required in all physics-credit courses. In addition, a C is required for Modern Physics, Advanced Lab I, Theoretical Mechanics, and Electromagnetic Theory.

### **Physics Minor**

The physics minor can complement any degree in the sciences (such as Mathematics, Computer Science, Biology, Chemistry, Biochemistry or Environmental Science), liberal arts or professional degrees (such as Pharmacy, Health Sciences, or Education), providing a solid background in scientific knowledge and analytical skills. The physics minor program requires some mathematics.

Course	Credits
PHY 001 (with lab and discussion) - Physics I	4
PHY 002 (with lab and discussion) - Physics II	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 050 (with recommended discussion) - Modern Physics	4
PHY 059 - Advanced Lab I	2
PHY 061 - Error Theory	1
PHY 191 - Seminar I	1
PHY 192 - Seminar II	1
TOTAL	18

Requirements for the program also include General Chemistry I, with laboratory and related courses in mathematics and computer science appropriate to the options chosen by the student.

### **Grade Requirements for Graduation**

2.0 minimum (C) average is required in all physics-credit courses.

NOTE: There is no minor in Astronomy. Interested students can select a minor in Physics and also take Astronomy I with laboratory.

### **Physics/Engineering 3+2 or 4+2 Programs**

These are dual-degree Physics and Engineering programs.

Students take all the general education courses at Drake University as well as three years of physics or astronomy courses following the B.S. or B.A. curricula and then, upon satisfactory completion of the coursework, transfer to Washington University to finish a program in an engineering field of their choice. At the end they acquire two degrees, one in Physics or Astronomy and one in Engineering. Typical engineering fields include electrical, electronic, mechanical, computer, civil, chemical (this may require more chemistry courses), and biomedical (this may require biophysics or some biology courses).

A Master's degree option is also available.

## Politics

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Politics
- Politics minor

Political Science department web page ([www.drake.edu/polsci/](http://www.drake.edu/polsci/))

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### Program Overview

The Department of Political Science administers a major in Politics, an interdisciplinary major in International Relations, as well as a minor in Politics and a minor in International Relations. Our programs offer the rigor and depth of disciplinary training with interdisciplinary breadth that is grounded firmly in the liberal arts tradition.

We seek to provide a learning environment that can produce liberally educated citizens who are fluent in the language of politics and political analysis and thereby have the foundation for both citizenship in a democratic society and successful training in a job, in a graduate school, or in a professional school.

Our degrees prepare students for graduate school in political science, international relations, and related fields. Our degrees also prepare students for careers in government (at the local, state, national and international levels), political campaigns, law, political journalism, business, non-profit organizations, and academics. Courses in the department offer students opportunities to integrate experiential learning with their academic coursework. We encourage our majors to complete internship experiences, and a multitude of internships are available, including opportunities in state government, political campaigns, and non-profit organizations and internships related to international issues or multicultural affairs.

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### B.A. Degree Requirements

The undergraduate B.A. degree in Politics includes coursework that develops students' capacity to recognize and evaluate assumptions, implications, and causal relationships pertaining to government and politics and, by extension, to other realms of human experience. Students will learn to understand government and politics in terms of the theories, concepts, and tools of sophisticated political analysis that characterize the discipline of political science. Students take required core classes in American politics, comparative politics, world politics and political theory as well as intermediate courses that introduce them to the fundamental concepts and methods in the study of political science.

For their remaining requirements, students take upper-level electives in Politics and in related areas of study. Students should work closely with their advisors to select courses that are most compatible with their academic and professional goals.

Course	Credits
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POLS 001 - American Political System	3
POLS 065 - Comparative Politics	3
POLS 075 - World Politics	3
POLS 085 - Concepts in Politics	3
POLS 095 - Methods in Politics	3
POLS 18x - (course in Political Theory - any course in the 180-189 range may fulfill this requirement)	3
POLS 191 - Senior Seminar in Politics	3
Politics Electives	12
Coursework in Related Fields*	9
<b>TOTAL</b>	<b>42</b>

\*Politics majors must complete nine credit (in 100 level courses) in a single related field: History, Sociology, Philosophy or Economics. Students can meet the related fields requirement in other appropriate disciplines or with a group of classes that combine disciplines after discussion with, and approval from, their advisor.

\*\*For graduation, Politics majors also must have at least a 2.00 cumulative G.P.A. in all Politics courses (including those beyond the 33-hour requirement) as well as in the related-field courses applied to the major.

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## Politics Minor

The minor in politics provides a broad overview of the breadth of topics examined in the field and the opportunity to delve more deeply into a specific area of political science.

Course	Credits
POLS 001 - American Political System	3
POLS 065 - Comparative Politics	3
POLS 075 - World Politics	3
POLS 18x (course in Political Theory - any course in the 180-189 range may fulfill this requirement)	3
Politics Electives	6
<b>TOTAL</b>	<b>18</b>

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## Psychology

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) degree with a major in psychology
- Bachelor of Science (B.S.) degree with a major in psychology
- Psychology minor
- Behavioral Analysis of Developmental Disabilities Concentration
- Comparative Animal Behavior Concentration
- Human Resource Management Concentration
- Zoo & Conservation Science Concentration

Psychology department web site: <https://www.drake.edu/psychology/>

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### Program Overview

The Department of Psychology provides courses in the fundamental areas of study that comprise the science of behavior. The psychology department encourages students to participate in experiential learning opportunities in the form of research seminars, independent study, and internships in addition to traditional coursework. The department recognizes outstanding undergraduate students by presenting annual achievement awards for excellence in academic performance and for significant contributions in experimental and applied psychology.

The undergraduate Bachelor of Arts (B.A.) degree program is intended for students planning careers in areas other than psychology or related sciences. A B.A. degree in psychology can be completed as part of many pre-professional programs of study, including pre-business, pre-law and pre-social work. Because human behavior is an essential part of any career a B.A. degree can also complement a student's primary area of study. Students should work with their advisors to assure selection of courses most compatible with their educational and career objectives. Students also are encouraged to take courses in the arts and sciences that improve their verbal, quantitative and critical reasoning abilities.

The program of study leading to a Bachelor of Science (B.S.) degree with a major in psychology is intended for students who anticipate attending graduate school in psychology or related sciences. The course requirements reflect the breadth and rigor necessary to prepare for the Graduate Record Examinations and graduate study.

All Psychology students are encouraged to take courses in the arts and sciences that improve their verbal, quantitative and critical reasoning abilities.

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### B.A. Degree Requirements

Course	Credits
PSY 001 - Introduction to Psychology (with lab)	4



PSY 011 - Introduction to Statistics for Psychology	4
PSY 013 - Research Methods	3
Select one course, including a lab, from the following	
PSY 120/121 - Conditioning and Learning	4
PSY 123 - Biological Basis of Behavior	4
PSY 125 - Cognitive Psychology	4
PSY 126 - Comparative Psychology	4
PSY 130 - Experimental Social Psychology	4
PSY 133 - Psychological Assessment	4
Upper-Division - Select 16 credits of PSY courses numbered 100 or higher. These 16 credits cannot include independent studies, research seminars, or internships.	16
Themes - Select at least one course from each of the following areas. A theme may be filled by a lab course.	
Theme A - Sensation, Perception & Biopsychology	
PSY 024 - Animal Behavior	3
PSY 026 - Human Evolutionary Psychology	3
PSY 028 - Drugs and Behavior	3
PSY 122 - Sensation & Perception	3
PSY 123 - Biological Basis of Behavior	4
PSY 124 - Health Psychology	3
PSY 127 - Behavior Genetics	3
PSY 128 - Hormones and Behavior	3
Theme B - Learning, Cognition & Memory	
PSY 060 - Principles of Behavior	3
PSY 120/121 - Condition & Learning (with lab)	4
PSY 125 - Cognitive Psychology	4
PSY 126 - Comparative Psychology	4
PSY 129 - Primate Cognition	3
PSY 162 - Applied Behavior Analysis	3-4
Theme C - Clinical, Personality & Assessment	
PSY 050 - Psychology of Creativity	3
PSY 076 - Abnormal Psychology	3
PSY 132 - Theories of Personality	3
PSY 133 - Psychological Assessment	4
PSY 137 - Psychology of Gender	3
PSY 176 - Advanced Psychopathology	3
PSY 177 - Fundamentals of Clinical Psychology	3
Theme D - Developmental, Social & Organizational	

PSY 030 - Social Psychology	3
PSY 042 - Child and Adolescent Psychology	3
PSY 044 - Adult Development and Aging	3
PSY 085 - Organizational Psychology	3
PSY 130 - Experimental Social Psychology	4
PSY 135 - Psychology of Prejudice	3
PSY 142 - Behavior Analysis Child Development	3
PSY 148 - Psychology of Developmental Disabilities	3
PSY 183 - Industrial Psychology	3
Capstone - Select from the following	
Designated Capstone course	
PSY 145 - Applied Professional Ethics Psychology, or PSY 151 - History and Systems of Psychology	3
Research Experience	
PSY 190/191 - Independent Study	.5-3
Internship	
PSY 192 - Internship	1-3
Group Project - Under faculty guidance, small groups may work together on an original project. All members must contribute equally.	
<b>TOTAL</b>	<b>46</b>

## Notes

- Students must pass PSY 011 and PSY 013 with a grade of “C” (not “C-“) or better to enroll in some upper-division psychology courses and to complete the psychology major.
- BIO 140 - Biology Research and Statistics Methods or both STAT 071 - Statistics I and STAT 072 - Statistics II may substitute for PSY 011. Students who choose this option will need to take additional credits in psychology to reach the 39 credits required for the major.
- Students must obtain a minimum 2.0 G.P.A. across all psychology courses to graduate with a B.A. or a B.S. in psychology.
- Of the 39 credits in psychology needed for the major, 18 must be taken at Drake that do not include independent study, research seminars, or internships. A minimum of 9 of these credits must be upper-division psychology credits.
- A maximum of 6 credits of PSY 090, 091, 190, and 191 (independent study) and/or PSY 192 (internship) may be counted toward the 39 credits for the major.

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## B.S. Degree Requirements

Course	Credits
PSY 001 - Introduction to Psychology (with lab)	4

PSY 011 - Introduction to Statistics for Psychology	4
PSY 013 - Research Methods	3
Select one course, including a lab, from the following	
PSY 120/121 - Conditioning and Learning	4
PSY 123 - Biological Basis of Behavior	4
PSY 125 - Cognitive Psychology	4
PSY 126 - Comparative Psychology	4
PSY 130 - Experimental Social Psychology	4
PSY 133 - Psychological Assessment	4
Upper-Division - Select 16 credits of PSY courses numbered 100 or higher. These 16 credits cannot include independent studies, research seminars, or internships.	16
Themes - Select at least one course from each of the following areas. A theme may be filled by a lab course.	
Theme A - Sensation, Perception & Biopsychology	
PSY 024 - Animal Behavior	3
PSY 026 - Human Evolutionary Psychology	3
PSY 028 - Drugs and Behavior	3
PSY 122 - Sensation & Perception	3
PSY 123 - Biological Basis of Behavior	4
PSY 124 - Health Psychology	3
PSY 127 - Behavior Genetics	3
PSY 128 - Hormones and Behavior	3
Theme B - Learning, Cognition & Memory	
PSY 060 - Principles of Behavior	3
PSY 120/121 - Condition & Learning (with lab)	4
PSY 125 - Cognitive Psychology	4
PSY 126 - Comparative Psychology	4
PSY 129 - Primate Cognition	3
PSY 162 - Applied Behavior Analysis	3-4
Theme C - Clinical, Personality & Assessment	
PSY 050 - Psychology of Creativity	3
PSY 076 - Abnormal Psychology	3
PSY 132 - Theories of Personality	3
PSY 133 - Psychological Assessment	4
PSY 137 - Psychology of Gender	3
PSY 176 - Advanced Psychopathology	3
PSY 177 - Fundamentals of Clinical Psychology	3
Theme D - Developmental, Social & Organizational	
PSY 030 - Social Psychology	3

PSY 042 - Child and Adolescent Psychology	3
PSY 044 - Adult Development and Aging	3
PSY 085 - Organizational Psychology	3
PSY 130 - Experimental Social Psychology	4
PSY 135 - Psychology of Prejudice	3
PSY 142 - Behavior Analysis Child Development	3
PSY 148 - Psychology of Developmental Disabilities	3
PSY 183 - Industrial Psychology	3
Bachelor of Science Non-Psychology Natural Sciences - An additional 12 credits must be successfully completed in natural science courses outside of the Department of Psychology, including Astronomy, BCMB, Biology, Chemistry, Computer Science, Environmental Science, Mathematics (MATH 20 or higher), Physics, select HSCI courses, and Neuroscience that is not cross-listed with Psychology. Eight of the 12 credits must be from courses that include a laboratory component.	12
Capstone - Select from the following	
Designated Capstone course	
PSY 145 - Applied Professional Ethics Psychology, or	3
PSY 151 - History and Systems of Psychology	
Research Experience	
PSY 190/191 - Independent Study	.5-3
Internship	
PSY 192 - Internship	1-3
Group Project - Under faculty guidance, small groups may work together on an original project. All members must contribute equally.	
<b>TOTAL</b>	<b>58</b>

## Notes

- Students must pass PSY 011 and PSY 013 with a grade of “C” (not “C-“) or better to enroll in some upper-division psychology courses and to complete the psychology major.
- BIO 140 - Biology Research and Statistics Methods or both STAT 071 - Statistics I and STAT 072 - Statistics II may substitute for PSY 011. Students who choose this option will need to take additional credits in psychology to reach the 39 credits required for the major.
- Students must obtain a minimum 2.0 G.P.A. across all psychology courses to graduate with a B.A. or a B.S. in psychology.
- Of the 39 credits in psychology needed for the major, 18 must be taken at Drake that do not include independent study, research seminars, or internships. A minimum of 9 of these credits must be upper-division psychology credits.
- A maximum of 6 credits of PSY 090, 091, 190, and 191 (independent study) and/or PSY 192 (internship) may be counted toward the 39 credits for the major.

A minor in psychology allows students to complement their major field of study with psychology courses and provides formal acknowledgment of the courses completed.

A minimum of 22 credits of courses offered by the Department of Psychology, which must include PSY 001 (with lab). Only three credits of independent study, research seminar, or internship may count toward the minor. A minimum of 12 credits must be taken at Drake. Courses taken on a credit/no credit basis may not be used for the minor.

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## Quantitative Economics

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Quantitative Economics
- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Quantitative Economics

Mathematics and Computer Science department web site ([www.drake.edu/mathcs/](http://www.drake.edu/mathcs/))

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### Program Overview

Quantitative Economics is a joint program of the College of Business and Public Administration and the Mathematics department of the College of Arts and Sciences. The program offers integrated study in mathematics, statistics, and economics. The program is designed to prepare students for graduate study in economics (M.A. or Ph.D. programs) or business (Ph.D. programs or quantitatively oriented M.B.A. programs). The program also prepares students for research-oriented jobs in government, business, or consulting.

Two degree options are offered: a Bachelor of Science in Business Administration (B.S.B.A.) with a major in Quantitative Economics, and a Bachelor of Arts (B.A.) with a major in Quantitative Economics. Students who choose the B.S.B.A. degree should enroll in the College of Business and Public Administration. Students who choose the B.A. degree may enroll in either the College of Business and Public Administration or the College of Arts and Sciences. Students earning the B.S.B.A. degree must also complete the required business core curriculum.

All programs are to be planned in careful consideration with a departmental advisor and be approved by that advisor.

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### B.A. Degree Requirements

Students who choose the B.A. degree may enroll in either the College of Business and Public Administration or the College of Arts and Sciences.

Course	Credits
Mathematics	
MATH 050 - Calculus I	4
MATH 070 - Calculus II	4
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	4
Electives - Select two courses from the following:	

MATH 101 - Math Reasoning	3
MATH 110 - Multivariate Calculus	3
MATH 120 - Applied Differential Equations I	3
MATH 125 - Mathematical Modeling	3
MATH 127 - Introduction to Game Theory	3
MATH 176 - Advanced Linear Algebra	3
MATH 184 - Introduction to Real Analysis	3
Statistics	
ACTS 131 and ACTS 131L - Introduction to Probability I	3.5
ACTS 135 - Mathematical Statistics	3
Economics	
ECON 002 - Principles of Microeconomics	3
ECON 010 - Principles of Macroeconomics	3
ECON 170 - Introduction to Econometrics, or ACTS 170 - Statistical Modeling and Data Analysis II	3
ECON 173 - Intermediate Microeconomics Analysis	3
ECON 174 - Intermediate Macroeconomics Analysis	3
Electives - Select two courses in economics at the 100-level	6
Capstone - Select one of the following, depending on the college and degree to be earned:	
ECON 190 - Senior Seminar	3
MATH 191 - Mathematics Capstone	1
<b>TOTAL</b>	<b>48.5-50.5</b>

## Religion

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here ([www.drake.edu/catalog/](http://www.drake.edu/catalog/)).

### Program Options

- Bachelor of Arts (B.A.) with a major in Religion
- Religion minor

Philosophy and Religion department web site: ([www.drake.edu/philrel](http://www.drake.edu/philrel))

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### B.A. Degree Requirements

The religion major is designed to permit broad interdepartmental studies and interdisciplinary syntheses. It provides a desirable background for professional ministerial training or for graduate school in religious studies or any of its disciplinary perspectives (history, anthropology, theology, philosophy, etc.). Students must take 18 required credits and 15 elective credits (no more than 9 of which can be < 100 level). Students may count courses from related disciplines toward the major upon approval of the student's advisor.

Course	Credit Hours
Two Traditions courses, one "East" and one "West"	6
REL 062 - Religions of India	3
REL 064 - Introduction to Buddhism	3
REL 108 - 20th Century American Religions	3
REL 110 - Introduction to Judaism	3
REL 114 - Religions of Des Moines	3
REL 120 - Black Christianity and Prophetic Politics	3
REL 153 - Introduction to Christian Theology	3
One Ethics course	3
REL 091 - Contemporary Ethical Problems	3
REL 117 - Religious Models Restorative Justice	3
REL 118 - Race, Religion, and Civic Culture	3
One Texts course	3
REL 051 - Old Testament	3
REL 053 - Life and Teachings of Jesus	3
REL 111 - Eastern Philosophy	3
REL 130 - The Global Bible	3
REL 124 - Inventing "Religion"	3
Senior Capstone or Independent Study	3
REL 198 - Independent Study	1-3
REL 199 - Seminar in Religion	1-3



Five elective courses	15
TOTAL	33

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Religion Minor

Course	Credit Hours
Two Traditions courses, one "East" and one "West"	6
REL 062 - Religions of India	3
REL 064 - Introduction to Buddhism	3
REL 108 - 20th Century American Religions	3
REL 110 - Introduction to Judaism	3
REL 114 - Religions of Des Moines	3
REL 120 - Black Christianity and Prophetic Politics	3
REL 153 - Introduction to Christian Theology	3
Four elective courses - at least two must be 100+ level	12
TOTAL	18

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## Rhetoric, Media, and Social Change

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Rhetoric, Media, and Social Change
- Rhetoric, Media, and Social Change minor

Study of Culture and Society department web site ([www.drake.edu/scs/](http://www.drake.edu/scs/))

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### Program Overview

The program in Rhetoric, Media, and Social Change (RMSC) considers how our use of language and symbols shapes who we and others are, what we may become, and what we do. Courses in the RMSC major bring critical attention to the nature of representations and communicative/knowledge practices and how they mediate our lives and experience, with particular attention to the contested and changing character of identity, community, public life, ethics, and morality. Students in the program learn to analyze forms of media from across political, popular, and professional cultures. The major also invites students to understand the movement of social change in a range of settings and to consider how those settings offer differing resources for them to engage in political action in their own lives.

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### B.A. Degree Requirements

The major prepares students for careers in law and public administration, medicine and public health, activism, social work, advertising and marketing, politics and public policy, business, banking, and consulting, among others. The various courses in the RMSC program examine social groups and processes in a wide diversity of contexts, with an emphasis on language, communicative practices, and social justice.

The program is interdisciplinary, including classes in rhetoric, sociology, and anthropology. Students should work with their advisers to assure selection of courses compatible with their educational and career objectives.

Required Courses	Credits
SCSR 024 - Rhetoric and Social Change	3
SCSR 060 - Media Culture and Communication	3
SCSR 124 - Texts, Images, Audiences	3
SCS 110* - Culture, Knowledge, Power	3
Choose one course from each of the three major areas below, Rhetoric, Media, and Social Change	
Rhetoric	
SCSR 073 - Public Speaking	3
SCSR 110 - History of American Public Address	3

SCSR 112 - Rhetoric and War	3
SCSR 116 - Rhetorics of Class	3
SCSR 118 - Rhetorics of the American Family	3
SCSR 120 - Rhetorics of Sex and Gender	3
SCSR 122 - Rhetorical Bodies	3
SCSR 129 - Speech Pedagogy	3
SCSR 146 - Communication and Religion	3
SCSR 150 - Rhetorical Theory	3
SCSR 180 - Postcolonial Rhetorics	3
Media	
SCSR 040 - Popular Trials	3
SCSR 106 - Aesthetics of Everyday Life	3
SCSR 108 - Imaging the City	3
SCSR 114 - Rhetorics of Race	3
SCSR 144 - Visual Rhetorics	3
SCSR 148 - Suburbia and Contemporary Film	3
SCSS 135 - Science and Society	3
SCSS 155 - Global Youth Studies	3
SCSS 156 - Representing Race	3
SCSS 176 - Documenting Lives	3
SCSS 177 - Gender and Violence	3
Social Change	
Analysis and Critique	
SCSA 081 - Borders and Boundaries	3
SCSA 158 - Global Reproductive Politics	3
SCSG 092 - Cultural Geography of Islam	3
SCSR 079 - Home: Dwelling and Belonging	3
SCSR 155 - Rhetorics and Space and Place	3
SCSS 130 - Contemporary Chinese Society	3
SCSS 130 - New Materialist Feminisms	3
SCSS 150 - Constructing Normal	3
SCSS 150 - Ethics of Transnational Adoption	3
SCSS 151 - Criminology	3
SCSS 160 - Jobs, Organizations, Inequality	3
SCSS 164 - Feminism, Nature, Matter	3
SCSS 170 - Deviance	3
SCSS 174 - Feminist Theories of Subjectivity	3
SCSS 178 - Gender, Technology, Embodiment	3

Advocacy	
SCSR 055 - Environmental Communication	3 or 4
SCSR 128 - Argumentation and Advocacy	3
SCSR 128 - Rhetoric and Social Movements	3
SCSR 140 - Communication and Law	3
SCSR 142 - Political Communication	3
SCSS 020 - Introduction to Race and Ethnicity	3
SCSS 070 - Environmentalism in the US	3
SCSS 072 - Global Social Change	3
SCSS 080 - Social Problems	3
SCSS 157 - Sociology of the Sixties	3
SCSS 173 - Global Citizenship	3
SCSS 175 - Social Stratification	3
Electives - Choose three additional courses of your choice	9
Senior Capstone Seminar (Offered each semester. To be taken in final year of major.)	3
<b>TOTAL</b>	<b>33</b>

\*SCS 110 is offered once every two years, either in spring or fall semester. RMSC majors graduating in May or December 2018 who have not completed SCS 110 (Culture, Knowledge, Power) should take SCSR 124 (Texts, Images, Audiences) in its place.

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### Rhetoric, Media, and Social Change Minor

Required Courses	Credits
SCSR 024 - Rhetoric and Social Change	3
SCSR 060 - Media, Culture, and Communication	3
SCSR 124 - Texts, Images, Audiences, or SCS 110* - Culture, Knowledge, Power	3
Choose one course from each of the three major areas listed for the RMSC major: Rhetoric, Media, and Social Change	9
<b>TOTAL</b>	<b>18</b>

\*SCS 110 is offered once every two years, either in spring or fall semester. Plan accordingly so you can complete this requirement.

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### Sociology

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

## Program Options

- Bachelor of Arts (B.A.) with a major in Sociology
- Sociology minor

Study of Culture and Society department web site ([www.drake.edu/scs/](http://www.drake.edu/scs/))

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## Program Overview

Sociology is the systematic and empirically-based study of human social interaction ranging from the most simple exchanges between people to complex, multi-layered and multi-scaled global processes and structures. It also examines the central place of language, a shared and dynamic set of symbols and meanings, in human lives. Students learn both about the worlds in which they and others live and how to understand and explain how these worlds work and sometimes do not. And they consider, based on these understandings, what sorts of interventions, through policy or practice, might serve to change aspects of those worlds for the better for those living in them. The department offers students literacy and training in multiple theories and methods of social inquiry, giving special attention to qualitative and historical analysis.

Students in the program enjoy frequent collaboration with the Des Moines community through research assignments, service learning, and internships. Recent graduates have gone to graduate school in social work, business, law, paralegal studies, sociology, criminology, and anthropology. They also have found jobs in government agencies, businesses, and social service organizations according to their interests and past experiences.

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## B.A. Degree Requirements

The sociology major offers sound preparation for careers in law and public administration, medicine and public health, activism, social work, advertising and marketing, politics and public policy, business, banking, and consulting, to name just a few. The various courses in the sociology program examine social groups and processes in a wide diversity of contexts, with an emphasis on critical thinking and social justice.

The program has flexibility built into the core course requirements and allows anthropology and rhetoric courses to contribute to the curriculum for majors. Students are encouraged to work with their advisers to assure selection of courses compatible with their educational and career objectives.

Required Courses	Credits
SCSS 001 - Survey of Sociology (Entry level course and prerequisite for most other courses. An introduction to the field.)	3
SCSS 042 - Sociological Inquiry (Sociological Inquiry is offered once a year as a bridge course between Survey and other courses. Students are encouraged to take this course the first time it is offered after they complete SCSS 001.)	3

Choose two theory-intensive courses from:	
SCS 110 - Culture, Knowledge, Power	3
SCSA 081 - Borders and Boundaries	3
SCSA 101 - Feminist Anthropology	3
SCSA 125 - Anthropological Theory	3
SCSA 180 - Ritual and Myth	3
SCSS 070 - Psyche/Self/Society	3
SCSS 080 - Social Problems	3
SCSS 085 - Sociology of Everyday Life	3
SCSS 130 - Contemporary Chinese Society	3
SCSS 133 - Social Structure/Social Change	3
SCSS 135 - Science and Society	3
SCSS 170 - Deviance	3
SCSS 173 - Global Citizenship	3
SCSS 174 - Feminist Theories of Subjectivity	3
SCSS 175 - Social Stratification	4
SCSS 176 - Documenting Lives	3
SCSS 178 - Gender, Technology, & Embodiment	3
Choose one research design course from:	
SCSA 078 - The Practice of Oral History	3
SCSA 153 - Documentary Video Challenge	3
SCSA 156 - Ethnographic Methods	3
SCSS 077 - The Art of the Interview	3
SCSS 150 - Women and Work	3
SCSS 155 - Global Youth Studies	3
SCSS 156 - Representing Race	3
SCSS 157 - Sociology of the Sixties	3
SCSS 158 - Social Science Statistics	3
SCSS 159 - Methods of Social Research	3
STAT 050 - Statistics for Social Sciences	3
Choose one community-engaged learning course. May not be double-counted as research-design or theory-intensive. Choose from:	
SCSA 078 - The Practice of Oral History	3
SCSA 153 - Documentary Video Challenge	3
SCSS 020 - Intro to Race & Ethnicity	3
SCSS 075 - Intro to Women's and Gender Studies	3
SCSS 076 - Sociology of Childhood	3
SCSS 077 - Art of the Interview	3
SCSS 146 - Restorative Justice	3

SCSS 156 - Representing Race	3
SCSS 173 - Global Citizenship	3
SCSS 175 - Social Stratification	4
SCSS 179 - Sociology of Education	3
SCSS 196 - Sustainability and Social Justice on the Gulf Coast	3
SCSS 196 - Contemporary Urban Mexico	3
SCSS 199 - Senior Capstone Seminar (Offered each semester. To be taken in final year of major. Students should take all theory and research design courses before enrolling in capstone course.)	3
Choose five additional five elective courses in sociology.	15
<b>TOTAL</b>	<b>36</b>

Up to 6 hours of anthropology or rhetoric (SCSR) courses may count towards this major. Anthropology courses taken to fulfill the theory intensive or research design requirements above for sociology are not counted as part of those 6 hours. That is, you still have the 6 hours allowance for anthropology beyond those hours.

For SCSS and RMSC double majors: No more than nine hours may be counted towards both SCSS and RMSC and you must do a distinct capstone for each major.

A maximum of 9 hours of transfer credit allowed in the sociology major. Transfer courses may not be used to fulfill the theory-intensive, research design, community engaged, or capstone requirements.

Students who wish to count Drake courses as electives from related areas outside of SCS programs (no more than 3 credits) must petition the department and their advisor. To receive approval for the major, a non-SCS course must use or examine a method, theory, or substantive problem of historical importance and/or complementary to sociology.

To graduate with a sociology major, students must earn a grade of "C" or higher in each core course. SCSS majors may not earn a major in ANSO.

### Sociology Minor

Required Courses	Credits
SCSS 001 - Survey of Sociology	3
SCSS 042 - Sociological Inquiry	3
Choose four additional courses in sociology.	12
<b>TOTAL</b>	<b>18</b>

A maximum of 6 hours in anthropology (SCSA) or rhetoric (SCSR) courses may be used for the sociology minor. No more than 9 hours of transfer credit are allowed.

Students who wish to count courses as electives from related areas outside of SCS programs (no more than 3 credits) must petition their advisor and the department. To receive approval for the major, a non-SCS course

must use or examine a method, theory, or substantive problem of historical importance and/or complementary to sociology.

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## Spanish

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Spanish
- Spanish minor

World Languages and Cultures department web page ([www.drake.edu/wlc/](http://www.drake.edu/wlc/))

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### Program Overview

The Spanish major equips students for a large variety of positions in industry, social work, medical institutions, and government where advanced proficiency in the Spanish language is required. Students will also be prepared to continue the study of Spanish or a related field in graduate school. They will develop proficiency in listening, speaking, reading, and writing in Spanish, as well as knowledge and appreciation for the rich heritage of the cultures of Latin America and Spain.

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### B.A. Degree Requirements

Students choose a minimum of 33 total hours, which must include the capstone. Twenty-seven of them must come from the following list or be Spanish courses taken abroad, although students may opt to complete all 33 from this list. Each course is a three-credit-hour course. SPAN 052 and 140 are language courses; 140 is the prerequisite for all courses numbered above 140.

Students must earn a minimum 2.67 cumulative GPA in Spanish courses.

Course	Credits
SPAN 052 - Intermediate Spanish II	3
SPAN 135 - Spanish Medical Terminology	3
SPAN 140 - Spanish Practical Speaking and Writing	3
SPAN 150 - Spanish Language and Culture	3
SPAN 151 - National Identity	3
SPAN 152 - Film	3
SPAN 153 - Culture and Society	3
SPAN 154 - Cultural Health Perspectives	3
SPAN 155 - Spanish for Business	3
SPAN 160 - Literature	3
SPAN 161 - Internship	3

SPAN 165 - Capstone	3
Electives - Students may earn six hours of coursework toward the major that are taught in English and that are related to the cultures of Spain and/or Latin America. Approved courses include the following, but others may be approved by a WLC advisor.	
COUN 145 - Counseling Diverse Populations: Brazil	3
ECON 135 - Developing Economies	3
ENG 066 - Reading Race & Ethnicity	3
ENG 083 - English in America: Language, Citizenship, and Identity	3
ENG 163 - Trans-Cultural Literature	3
ENG 164/WGS 111 - Latino/a Literature	3
HIST 123 - Modern Mexico	3
HIST 124 - Aztecs, Incas, Mayas	3
HIST 125 - Colonial Latin America	3
HIST 126 - Sex, Power, and War in the Aztec Empire	3
HONR 073/WLC 150 - U.S. Latino Language and Cultures	3
SCSS 155 - Global Youth Studies	3
SCSS 196/WLC 196 - Contemporary Urban Mexico (travel study seminar)	3
WGS 140 - Liberation Theology	3
WLC 148 - Intercultural Communication	3
<b>TOTAL</b>	<b>33</b>

Students may earn up to six credits in Spanish and apply them as electives to the major requirements through AP, CLEP, or IB taken while in high school. More specifically, students earn:

- 3 credits for an AP placement of 4 on the language exam
- 6 credits for an AP placement of 5 on the language exam
- 6 credits for an AP placement of 4 or 5 on the literature exam
- 3 credits for a CLEP placement over 50 for the Level One exam
- 6 credits for a CLEP placement over 50 on the Level Two exam
- 6 credits for having completed an IB program and successfully passed the exam

A minimum of 21 credits must be earned at Drake or at other institutions that are approved by Drake International.

Students must have a minimum 2.67 GPA in all Spanish courses.

### **Spanish Minor Requirements**

See the World Languages and Cultures section of this catalog for details.  
([www.drake.edu/catalog/undergrad/current/collegeofartsandsciences/areas/wlc/](http://www.drake.edu/catalog/undergrad/current/collegeofartsandsciences/areas/wlc/))

## Studio Art

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Studio Art
  - Drawing
  - Painting
  - Printmaking
  - Sculpture
- Bachelor of Fine Arts (B.F.A.) with a major in Studio Art
  - Drawing
  - Painting
  - Printmaking
  - Sculpture
- Studio Art minor
  - Drawing
  - Painting
  - Printmaking
  - Sculpture

Art and Design department web site ([www.drake.edu/art-design/](http://www.drake.edu/art-design/))

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### Program Overviews

**Bachelor of Arts (B.A.) with a major in Studio Art:** This degree allows the student to major in studio art within the context of a liberal arts curriculum. It also allows the student considerable flexibility in developing a course of study. Individualized academic goals can be achieved while students earn their emphasis in drawing, painting, printmaking or sculpture. The B.A. Capstone is a public thesis exhibition and involves writing an artist's statement that explicates each student's development between studio art and their studies in the liberal arts.

**Bachelor of Fine Arts (B.F.A.) with a major in Studio Art:** This degree is for students who wish to enter an intensive professional studio art program or continue their education at the graduate level. Students will develop professional skills and a personal aesthetic philosophy within their area of focus: drawing, painting, printmaking, or sculpture. Students must possess an exceptional commitment to their work. B.F.A. students also graduate with an effective minor in a second studio area. Our comprehensive art curriculum is enhanced with a variety of individualized choices and liberal arts studies within the Drake Curriculum. In the spring of their junior year, students take part in B.F.A. reviews. The B.F.A. Capstone Experience is a senior thesis exhibition and a digital portfolio consisting of an artist's statement, photographic documentation of thesis work, and a statement of future professional plans.

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### B.A. Degree Requirements

In addition to requirements for all undergraduate degrees, which can be found in the “Graduation Requirements” area of the catalog, Art and Design students must meet the following requirements:

A student is placed on probation if either the cumulative grade-point average or the average in Department of Art and Design courses falls below 2.00 (a "C" average) during any semester in which a student has earned less than 30 total credit hours. A student may be placed on probation for failing to meet the University’s standards for satisfactory progress toward completion of degree requirements.

To continue progress toward a Department of Art and Design degree, a student must have at least a 2.5 cumulative grade-point average and a 2.5 GPA in the Department of Art and Design courses at the end of the academic term in which the student completes the 30th credit hour. For transfer students, the 30th-hour GPA must be based upon at least 15 credit hours earned at Drake. Students who achieve the 2.5 GPA at the 30th-hour level are placed on probation if their GPAs fall below 2.5 in a subsequent semester. If the GPA is not raised to 2.5 or better after the probationary semester, the student may not continue in the Department of Art and Design or re-enroll later.

### **Area of Emphasis: Drawing (B.A.)**

The B.A. in Drawing allows students to double major and so to synthesize their studies in studio art within the context of the liberal arts. Students are mentored in the development of a set of interdisciplinary critical thinking skills necessary to the growth of a highly individualized aesthetic as it reflects other educational experiences. Technical skills are honed alongside of a conceptual framework in a process-based environment designed to facilitate a diversity of investigative methods. At advanced stages students are encouraged to both embrace and test the traditions of drawing and graphic media through the deliberate synthesis of materials, methods and ideas as these processes merge with other selected areas of study.

The B.A. Studio Art Capstone in Drawing culminates with a senior thesis exhibition where each student is expected to present a body of artwork that reflects the interdisciplinary nature of the educational experience. This exhibition may occur in the Weeks or Anderson galleries or an exhibition space in Des Moines may be procured. Additionally, the successful BA will produce an artist’s statement that reflects the interdisciplinary nature of their studies.

Course	Credits
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 016 - Concepts in Drawing	3
ART 021 - Digital Media	3
Basic Printmaking - Select one from the following:	
ART 056 - Introduction to Printmaking	3
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
ART 063 - Pushing Paint	3
ART 065 - Intermediate Drawing (repeatable course)	3

ART 075 - Themes in Art History	4
ART 079 - Building Ideas	3
ART 165 - Advanced Drawing (repeatable course)	3
ART 177 - Art and Perception	3
Art History electives - Select two courses from the following:	
ART 103 - Art of India, China, and Japan	3
ART 104 - Freedom/Slavery/Emancipation	3
ART 105 - Italian Renaissance Art History	3
ART 106 - 17th/18th Century Art	3
ART 107 - 19th Century Art History	3
ART 108 - American Art History	3
ART 109 - Modern Art History	3
ART 110 - Art Since 1945	3
ART 111 - Cultural Intersections C. 1900	3
ART 112 - Selected Topics in Art History	0-4
ART 113 - Current Chinese Art & Issues	3
ART 192 - Senior Capstone	1
TOTAL	50

### Area of Emphasis: Painting (B.A.)

The B.A. in Painting allows students to double major and so to synthesize their studies in studio art with studies in other areas of the liberal arts. Students are mentored in the development of a set of interdisciplinary critical thinking skills necessary to the growth of a highly individualized aesthetic as it reflects other educational experiences. Technical skills are honed in a process-based environment designed to facilitate a diversity of investigative methods. At advanced stages students are encouraged to both embrace and test the traditions of painting through the deliberate synthesis of materials, methods and ideas as these processes merge with other selected areas of study.

The B.A. Studio Art Capstone in Painting culminates with a senior thesis exhibition where each student is expected to present a body of artwork that reflects the interdisciplinary nature of the educational experience. This exhibition may occur in the Weeks or Anderson galleries or an exhibition space in Des Moines may be procured. Additionally, the successful BA will produce an artist's statement that reflects the interdisciplinary nature of their studies.

Course	Credits
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 016 - Concepts in Drawing	3
ART 021 - Digital Media	3

Basic Printmaking - Select one from the following:	
ART 056 - Introduction to Printmaking	3
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
ART 063 - Pushing Paint	3
ART 064 - Paint and Story	3
ART 075 - Themes in Art History	4
ART 079 - Building Ideas	3
ART 125 - Paint and Abstraction	3
ART 126 - Questioning Paint	3
ART 163 - Painting Thesis I	3
ART 164 - Painting Thesis II	3
Art History electives - Select two courses from the following:	
ART 103 - Art of India, China, and Japan	3
ART 104 - Freedom/Slavery/Emancipation	3
ART 105 - Italian Renaissance Art History	3
ART 106 - 17th/18th Century Art	3
ART 107 - 19th Century Art History	3
ART 108 - American Art History	3
ART 109 - Modern Art History	3
ART 110 - Art Since 1945	3
ART 111 - Cultural Intersections C. 1900	3
ART 112 - Selected Topics in Art History	0-4
ART 113 - Current Chinese Art & Issues	3
ART 192 - Senior Capstone	1
TOTAL	50

### Area of Emphasis: Printmaking (B.A.)

The B.A. in Printmaking allows students to double major and so to synthesize their studies in studio art with studies in the liberal arts. Students are mentored in the development of a set of interdisciplinary critical thinking skills necessary to the growth of a highly individualized aesthetic as it reflects other educational experiences. The printmaking emphasis develops technical abilities as well as creative methods for the visual articulation of individual concepts and emotions. A full range of relief, intaglio and lithographic techniques are taught on all levels in a spacious, well-equipped and efficiently organized studio. Students learn the skillful use of numerous essential printmaking tools, materials and processes and acquire an understanding of their characteristics and appropriateness to varying image-making demands. The development of clarity of vision, purpose and self-direction is supported by discussions and critical analyses in both group and individual contexts.

The B.A. Studio Art Capstone culminates with a public presentation of a group exhibition where each student is expected to present a body of artwork created specifically for the exhibition. This exhibition may occur in the Weeks or Anderson galleries or an exhibition space in Des Moines may be procured. Additionally, the successful BA will produce an artist's statement that reflects the interdisciplinary nature of their studies.

Course	Credits
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 016 - Concepts in Drawing	3
ART 021 - Digital Media	3
Basic Printmaking - Select one from the following:	
ART 056 - Introduction to Printmaking	3
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
ART 063 - Pushing Paint	3
ART 075 - Themes in Art History	4
ART 079 - Building Ideas	3
Select two courses from the following:	
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
Select two courses from the following:	
ART 147 - Printmaking: Relief II	3
ART 148 - Printmaking: Intaglio II	3
ART 149 - Printmaking: Lithography II	3
Select one course from the following:	
ART 157 - Printmaking: Advanced Relief	3
ART 158 - Printmaking: Advanced Intaglio	3
ART 159 - Printmaking: Advanced Lithography	3
Art History electives - Select two courses from the following:	
ART 103 - Art of India, China, and Japan	3
ART 104 - Freedom/Slavery/Emancipation	3
ART 105 - Italian Renaissance Art History	3
ART 106 - 17th/18th Century Art	3
ART 107 - 19th Century Art History	3

ART 108 - American Art History	3
ART 109 - Modern Art History	3
ART 110 - Art Since 1945	3
ART 111 - Cultural Intersections C. 1900	3
ART 112 - Selected Topics in Art History	0-4
ART 113 - Current Chinese Art & Issues	3
ART 192 - Senior Capstone	1
TOTAL	50

### Area of Emphasis: Sculpture (B.A.)

The B.A. in Sculpture allows students to double major and so to synthesize their studies in studio art with studies in the liberal arts. Students are mentored in the development of a set of interdisciplinary critical thinking skills necessary to the growth of a highly individualized aesthetic as it reflects other educational experiences. The sculpture emphasis enhances creative abilities by developing a comprehensive understanding of three-dimensional concepts and processes. The sculpture facilities provide students with well-equipped studios for woodworking, welding, forging, casting and installation. Students gain a strong understanding of traditional and nontraditional materials and methods while honing their ability to critically evaluate their own and peer work. This comprehensive engagement encourages individual expression by establishing an understanding of selecting the appropriate form, material and process to support an idea.

The B.A. Studio Art Capstone culminates with a public presentation of a group exhibition where each student is expected to present a body of artwork created specifically for the exhibition. This exhibition may occur in the Weeks or Anderson galleries or an exhibition space in Des Moines may be procured. Additionally, the successful BA will produce an artist's statement that reflects the interdisciplinary nature of their studies.

Course	Credits
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 016 - Concepts in Drawing	3
ART 021 - Digital Media	3
Basic Printmaking - Select one from the following:	
ART 056 - Introduction to Printmaking	3
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
ART 063 - Pushing Paint	3
ART 075 - Themes in Art History	4
ART 079 - Building Ideas	3
ART 080 - Sculpture II	3



ART 139 - Intermediate Sculpture I	3
ART 140 - Intermediate Sculpture II	3
ART 179 - Advanced Sculpture I	3
ART 180 - Advanced Sculpture II	3
Art History electives - Select two courses from the following:	
ART 103 - Art of India, China, and Japan	3
ART 104 - Freedom/Slavery/Emancipation	3
ART 105 - Italian Renaissance Art History	3
ART 106 - 17th/18th Century Art	3
ART 107 - 19th Century Art History	3
ART 108 - American Art History	3
ART 109 - Modern Art History	3
ART 110 - Art Since 1945	3
ART 111 - Cultural Intersections C. 1900	3
ART 112 - Selected Topics in Art History	0-4
ART 113 - Current Chinese Art & Issues	3
ART 192 - Senior Capstone	1
TOTAL	50

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## B.F.A. Degree Requirements

In addition to requirements for all undergraduate degrees, which can be found in the “Graduation Requirements” area of the catalog, Art and Design students must meet the following requirements:

A student is placed on probation if either the cumulative grade-point average or the average in Department of Art and Design courses falls below 2.00 (a "C" average) during any semester in which a student has earned less than 30 total credit hours. A student may be placed on probation for failing to meet the University’s standards for satisfactory progress toward completion of degree requirements.

To continue progress toward a Department of Art and Design degree, a student must have at least a 2.5 cumulative grade-point average and a 2.5 GPA in the Department of Art and Design courses at the end of the academic term in which the student completes the 30th credit hour. For transfer students, the 30th-hour GPA must be based upon at least 15 credit hours earned at Drake. Students who achieve the 2.5 GPA at the 60th-hour level are placed on probation if their GPAs fall below 2.5 in a subsequent semester. If the GPA is not raised to 2.5 or better after the probationary semester, the student may not continue in the Department of Art and Design or re-enroll later.

### Area of Emphasis: Drawing (B.F.A.)

The B.F.A. in Drawing is the professional degree for students who wish to pursue intensive studio art studies in drawing. Through the study of fundamental skills and the synthesis of formal and conceptual abilities, students are encouraged to explore graphic media as a primary means of aesthetic communication. Technical skills are honed alongside of a conceptual framework in a process-based environment designed to facilitate a diversity of investigative methods. At advanced stages students are encouraged to both embrace and test the traditions of drawing and graphic media through the deliberate synthesis of materials, methods and ideas as these processes merge with other selected areas of study.

The B.F.A. Capstone Experience culminates with a senior thesis exhibition where each student is expected to present a display that reflects the intensive development of an individualized body of artwork. This exhibition may occur in the Weeks or Anderson galleries or an exhibition space in Des Moines may be procured. Additionally, the successful BFA will produce a digital portfolio that consists of an artist's statement and photographic documentation of thesis work and a statement of future plans.

Course	Credits
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 016 - Concepts in Drawing	3
ART 021 - Digital Media	3
Basic Printmaking - Select one from the following:	
ART 056 - Introduction to Printmaking	3
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
ART 063 - Pushing Paint	3
ART 065 - Intermediate Drawing (repeatable course)	3
ART 075 - Themes in Art History	4
ART 079 - Building Ideas	3
ART 109 - Modern Art History, or ART 110 - Art Since 1945	3
ART 165 - Advanced Drawing (repeatable course)	3
ART 177 - Art and Perception	3
Secondary area of emphasis - Select three courses from single studio art area or graphic design	9
Art History electives - Select two courses from the following:	
ART 103 - Art of India, China, and Japan	3
ART 104 - Freedom/Slavery/Emancipation	3
ART 105 - Italian Renaissance Art History	3
ART 106 - 17th/18th Century Art	3

ART 107 - 19th Century Art History	3
ART 108 - American Art History	3
ART 111 - Cultural Intersections C. 1900	3
ART 112 - Selected Topics in Art History	0-4
ART 113 - Current Chinese Art & Issues	3
ART 175 - Senior Capstone I	4
ART 176 - Senior Capstone II	4
ART 199 - Art and Theory	3
Art electives (may include art history)	12
TOTAL	75

### Area of Emphasis: Painting (B.F.A.)

Painting fosters creativity within a time-tested visual tradition in ways that lead to significant artistic expression. Students are mentored in the development of critical visual thinking skills necessary to the growth of a highly individualized aesthetic. Technical skills are honed in a process-based environment designed to facilitate a diversity of investigative methods. At advanced stages students are encouraged to both embrace and test the traditions of painting through the deliberate synthesis of materials, methods and ideas. The successful BFA in Painting will be prepared for professional practice and/or graduate levels of study in the fine arts.

The B.F.A. Capstone Experience culminates with a senior thesis exhibition where each student is expected to present a display that reflects the intensive development of an individualized body of artwork. This exhibition may occur in the Weeks or Anderson galleries or an exhibition space in Des Moines may be procured. Additionally, the successful BFA will produce a digital portfolio that consists of an artist's statement and photographic documentation of thesis work and a statement of future plans.

Course	Credits
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 016 - Concepts in Drawing	3
ART 021 - Digital Media	3
Basic Printmaking - Select one from the following:	
ART 056 - Introduction to Printmaking	3
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
ART 063 - Pushing Paint	3
ART 064 - Paint and Story	3
ART 075 - Themes in Art History	4
ART 079 - Building Ideas	3

ART 109 - Modern Art History, or ART 110 - Art Since 1945	3
ART 125 - Paint and Abstraction	3
ART 126 - Questioning Paint	3
ART 163 - Painting Thesis I	3
ART 164 - Painting Thesis II	3
Secondary area of emphasis - Select three courses from single studio art area or graphic design	9
Art History electives - Select two courses from the following:	
ART 103 - Art of India, China, and Japan	3
ART 104 - Freedom/Slavery/Emancipation	3
ART 105 - Italian Renaissance Art History	3
ART 106 - 17th/18th Century Art	3
ART 107 - 19th Century Art History	3
ART 108 - American Art History	3
ART 111 - Cultural Intersections C. 1900	3
ART 112 - Selected Topics in Art History	0-4
ART 113 - Current Chinese Art & Issues	3
ART 175 - Senior Capstone I	4
ART 176 - Senior Capstone II	4
ART 199 - Art and Theory	3
Art electives (may include art history)	12
TOTAL	84

### Area of Emphasis: Printmaking (B.F.A.)

The printmaking emphasis develops technical abilities as well as creative methods for the visual articulation of individual concepts and emotions. A full range of relief, intaglio and lithographic techniques are taught on all levels in a spacious, well-equipped and efficiently organized studio. Students learn the skillful use of numerous essential printmaking tools, materials and processes and acquire an understanding of their characteristics and appropriateness to varying image-making demands. The development of clarity of vision, purpose and self-direction is supported by discussions and critical analyses in both group and individual contexts. The successful BFA in Printmaking will be prepared for professional practice and/or graduate levels of study in the fine arts.

The B.F.A. Capstone Experience culminates with a senior thesis exhibition where each student is expected to present a display that reflects the intensive development of an individualized body of artwork. This exhibition may occur in the Weeks or Anderson galleries or an exhibition space in Des Moines may be procured. Additionally, the successful BFA will produce a digital portfolio that consists of an artist's statement and photographic documentation of thesis work and a statement of future plans.

Course	Credits
ART 013 - 2-D Design	3

ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 016 - Concepts in Drawing	3
ART 021 - Digital Media	3
Basic Printmaking - Select one from the following:	
ART 056 - Introduction to Printmaking	3
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
ART 063 - Pushing Paint	3
ART 075 - Themes in Art History	4
ART 079 - Building Ideas	3
Select two courses from the following:	
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
Select two courses from the following:	
ART 147 - Printmaking: Relief II	3
ART 148 - Printmaking: Intaglio II	3
ART 149 - Printmaking: Lithography II	3
Select one course from the following:	
ART 157 - Printmaking: Advanced Relief	3
ART 158 - Printmaking: Advanced Intaglio	3
ART 159 - Printmaking: Advanced Lithography	3
Secondary area of emphasis - Select three courses from single studio art area or graphic design	9
ART 109 - Modern Art History, or ART 110 - Art Since 1945	3
Art History electives - Select two courses from the following:	
ART 103 - Art of India, China, and Japan	3
ART 104 - Freedom/Slavery/Emancipation	3
ART 105 - Italian Renaissance Art History	3
ART 106 - 17th/18th Century Art	3
ART 107 - 19th Century Art History	3
ART 108 - American Art History	3
ART 111 - Cultural Intersections C. 1900	3

ART 112 - Selected Topics in Art History	0-4
ART 113 - Current Chinese Art & Issues	3
ART 175 - Senior Capstone I	4
ART 176 - Senior Capstone II	4
ART 199 - Art and Theory	3
Art electives (may include art history)	12
<b>TOTAL</b>	<b>84</b>

### **Area of Emphasis: Sculpture (B.F.A.)**

The sculpture emphasis enhances creative abilities by developing a comprehensive understanding of three-dimensional concepts and processes. The sculpture facilities provide students with well-equipped studios for woodworking, welding, forging, casting and installation. Students gain a strong understanding of traditional and nontraditional materials and methods while honing their ability to critically evaluate their own and peer work. This comprehensive engagement encourages individual expression by establishing an understanding of selecting the appropriate form, material and process to support an idea. The successful BFA in Sculpture will be prepared for professional practice and/or graduate levels of study in the fine arts.

The B.F.A. Capstone Experience culminates with a senior thesis exhibition where each student is expected to present a display that reflects the intensive development of an individualized body of artwork. This exhibition may occur in the Weeks or Anderson galleries or an exhibition space in Des Moines may be procured. Additionally, the successful BFA will produce a digital portfolio that consists of an artist's statement and photographic documentation of thesis work and a statement of future plans.

Course	Credits
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 016 - Concepts in Drawing	3
ART 021 - Digital Media	3
Basic Printmaking - Select one from the following:	
ART 056 - Introduction to Printmaking	3
ART 057 - Introduction to Relief Printmaking	3
ART 058 - Introduction to Intaglio Printmaking	3
ART 059 - Introduction to Lithographic Printmaking	3
ART 063 - Pushing Paint	3
ART 075 - Themes in Art History	4
ART 079 - Building Ideas	3
ART 080 - Sculpture II	3
ART 139 - Intermediate Sculpture I	3
ART 140 - Intermediate Sculpture II	3

ART 179 - Advanced Sculpture I	3
ART 180 - Advanced Sculpture II	3
Secondary area of emphasis - Select three courses from single studio art area or graphic design	9
ART 109 - Modern Art History, or ART 110 - Art Since 1945	3
Art History electives - Select two courses from the following:	
ART 103 - Art of India, China, and Japan	3
ART 104 - Freedom/Slavery/Emancipation	3
ART 105 - Italian Renaissance Art History	3
ART 106 - 17th/18th Century Art	3
ART 107 - 19th Century Art History	3
ART 108 - American Art History	3
ART 111 - Cultural Intersections C. 1900	3
ART 112 - Selected Topics in Art History	0-4
ART 113 - Current Chinese Art & Issues	3
ART 175 - Senior Capstone I	4
ART 176 - Senior Capstone II	4
ART 199 - Art and Theory	3
Art electives (may include art history)	12
TOTAL	84

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### Studio Art Minor

The minor in studio art is designed for those students outside the Department of Art and Design who want to engage with basic studio art practices. The minor of 22 credit hours generally consists of the following courses and is chosen with an art and design faculty advisor.

Course	Credits
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
ART 075 - Themes in Art History	4
Select a sequence of three courses from Drawing, Painting, Printmaking, or Sculpture	9
TOTAL	22

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## Theatre

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts (B.A.) with a major in Theatre
- Theatre minor
- Theatre-Directing minor

Theatre Arts department web site <https://www.drake.edu/theatre/>

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### Program Overview

The theatre program provides students with a solid training in preparation for a career in the professional theatre. Students take classes in movement, voice, singing (both musical theatre and classical), dance (jazz, tap, ballet, modern and musical theatre dance), piano, music theory, and various acting styles.

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### B.A. Degree Requirements

Students are given the opportunity to complete a wide range of theatre electives. With these electives, students can emphasize one particular area of theatre or create their own mixture of theatre classes. This degree also is designed to work well with a double major or dual degree.

Course	Credits
THEA 003 - Acting I	3
THEA 005 - Readings in Theatre	3
THEA 014 - Movement I	2
THEA 020 - Voice I	2
THEA 030 - Stagecraft (including lab)	4
THEA 031 - Costuming (including lab)	4
THEA 032 - Makeup	3
THEA 103 - Directing I	3
THEA 120 - Theatre History I	3
THEA 121 - Theatre History II	3
THEA 124 - Technical Practicum	1
THEA 160 - Stage Management	3
THEA 190 - Senior Capstone	1
Theatre electives	15
TOTAL	50

\*Second academic major or minor: 34 credits. Students are strongly advised to include a second academic major or minor outside theatre. With a second major, you must have an academic advisor in that area. The total number of credits required will be determined by that department. If the major or minor requires less than 34 credits, additional credits may be applied as general electives.

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### **Theatre Minor**

Students are given the opportunity to complete a wide range of theatre electives. With these electives, students can emphasize one particular area of theatre or create their own mixture of theatre classes. This degree also is designed to work well with a double major or dual degree.

For students seeking a degree in another area who wish to minor in Theatre, the following courses are suggested by the department:

Course	Credits
THEA 003 - Acting I	3
THEA 004 - Acting II	3
THEA 014 - Movement I	2
THEA 020 - Voice I	2
THEA 030 - Stagecraft (including lab)	4
THEA 031 - Costuming (including lab)	4
THEA 032 - Stage Makeup	3
THEA 076 - Introduction to the Theatre	3
THEA 120 - Theatre History I	3
TOTAL	27

NOTE: Substitutions or other alterations to these requirements can be made with prior approval from a theatre advisor.

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### **Theatre-Directing Minor**

The Minor in Directing degree is only available to students in conjunction with either the BA or a BFA degree from the Department of Theatre Arts.

Please note: if Directing II is not offered, students may substitute an additional course in English or one of the other disciplines listed above. Students may also substitute an additional Project in Theatre related specifically to directing or dramaturgy.

No other work may be substituted for the Directing I requirement. This includes any courses completed at other colleges or universities as well as NTI. THEA 103 must be completed on campus at Drake.

Unless specified above, any other substitutions or other alterations to these requirements can only be made with prior approval from your theatre advisor.

Course	Credits
THEA 003 - Acting I	3
THEA 063 - Introduction to Design for Theatre	3
THEA 103 - Directing I	3
THEA 104 - Directing II	3
THEA 130 - Directed Independent Study (two times at one credit each)	2
THEA 165 - Project in Theatre [Directing]	3
Select one course from the following	
ENG 054 - Reading Drama	3
ENG 058 - Reading Shakespeare	4
ENG 090 - Reading/Writing Drama	4
ENG 128 - Advanced Topics in Drama	3
Select two courses from the following disciplines	6
Art Appreciation	
History (non-theatre)	
Music Appreciation	
Philosophy	
Psychology	
Sociology	
<b>TOTAL</b>	<b>26</b>

## Theatre - Acting

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog](http://www.drake.edu/catalog).

### Program Option

Bachelor of Fine Arts (B.F.A.) with a major in Theatre – Acting

Theatre Arts department web site <https://www.drake.edu/theatre/>

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### Program Overview

The theatre program provides students with a solid training in preparation for a career in the professional theatre. Students take classes in movement, voice, singing (both musical theatre and classical), dance (jazz, tap, ballet, modern and musical theatre dance), piano, music theory, and various acting styles.

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### B.F.A. Degree Requirements

The acting program provides classes needed for a solid theatre education and experience. Students learn the performance basics from body movement to voice. Courses in mime and stage combat also are offered. Acting majors take courses in upper-level performance areas including period styles, dialects and movement. Students also are given many opportunities to hone their skills as actors within experimental and Main Stage productions.

Course	Credits
THEA 003 - Acting I	3
THEA 004 - Acting II	3
THEA 005 - Readings in Theatre	3
THEA 014 - Movement I	2
THEA 015 - Movement II	2
THEA 020 - Voice I	2
THEA 021 - Voice II	2
THEA 030 - Stagecraft (including lab)	4
THEA 031 - Costuming (including lab)	4
THEA 032 - Makeup	3
THEA 055 - Acting III	3
THEA 058 - Ballet	3
THEA 100 - Acting IV	3
THEA 103 - Directing I	3
THEA 105 - Dialects for the Stage	3

THEA 120 - Theatre History I	3
THEA 121 - Theatre History II	3
THEA 124 - Technical Practicum	1
THEA 160 - Stage Management	3
THEA 190 - Senior Capstone	1
ENG 091 - Reading and Writing Poetry	4
Select one course from psychology, sociology, philosophy, or anthropology	3
Theatre electives	18
General electives	12
TOTAL	91

\*9 hours of Literature courses are required (3 of those credits in a Shakespeare course). These courses also may be used to fulfill an Area of Inquiry (A.O.I.).

\*\* A minimum of 12 credits is required for the degree.

## Theatre - Design & Technology

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

Bachelor of Fine Arts (B.F.A.) with a major in Theatre - Design & Technology

Theatre Arts department web site <https://www.drake.edu/theatre/>

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### Program Overview

The theatre design and technology program provides students with a solid theatre education experience. Students take a series of design and support courses in all theatrical technology areas. Scene painting, stage lighting, theatre organization and management, and CAD courses are many of the courses available to design and technology majors. The program also stresses active involvement in all aspects of technology work outside the classroom. Design students serve as assistants to faculty designers and are given the opportunity to design Main Stage productions.

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### B.F.A. Degree Requirements

Course	Credits
ART 015 - Observational Drawing	3
ART 075 - Themes in Art History	4
Art and Design electives***	9
Literature courses**	9
THEA 003 - Acting I	3
THEA 005 - Readings in Theatre	3
THEA 030 - Stagecraft (including lab)	4
THEA 031 - Costuming (including lab)	4
THEA 032 - Makeup	3
THEA 033 - Mechanical Drafting [Theatre]	3
THEA 062 - Stagecraft II	4
THEA 063 - Introduction to Design	3
THEA 103 - Directing I	3
THEA 120 - Theatre History I	3
THEA 121 - Theatre History II	3
THEA 124 - Technical Practicum 1*	1

THEA 124 - Technical Practicum 2*	1
THEA 124 - Technical Practicum 3*	1
THEA 124 - Technical Practicum 4*	1
THEA 124 - Technical Practicum 5*	1
THEA 124 - Technical Practicum 6*	1
THEA 150 - Sound Design for the Theatre	3
THEA 160 - Stage Management	3
THEA 161 - Scene Design	3
THEA 162 - Stage Lighting	3
THEA 163 - CADD for Theatre	3
THEA 165 - Project in Theatre [Design]	1-3
THEA 182 - Seminar in Advanced Design	3
THEA 183 - Scene Painting	3
THEA 184 - Costume Design	3
THEA 190 - Senior Capstone	1
Theatre electives	9
TOTAL	92

\*Students must complete a minimum of 4 credits of Technical Theatre Practicum. No more than 6 credits may be applied toward the degree.

\*\*9 hours of Literature courses are required (3 of those credits in a Shakespeare course). These courses may also be used to fulfill an Area of Inquiry (A.O.I.).

\*\*\*A minimum of 9 credits is required for the degree.

## Theatre - Teacher Certification

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

Bachelor of Fine Arts (B.F.A.) with a major in Theatre - Teacher Certification

Theatre Arts department web site <https://www.drake.edu/theatre/>

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### Program Overview

The theatre program provides students with a solid training in preparation for a career in the professional theatre. Students take classes in movement, voice, singing (both musical theatre and classical), dance (jazz, tap, ballet, modern and musical theatre dance), piano, music theory, and various acting styles.

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### B.F.A. Degree Requirements

The Theatre Education program provides students with a broad range of knowledge and experience in theatre specifically designed to prepare the student to teach Theatre Arts at the secondary level.

Course	Credits
THEA 003 - Acting I	3
THEA 005 - Readings in Theatre	3
THEA 014 - Movement I	2
THEA 020 - Voice I	2
THEA 030 - Stagecraft (including lab)	4
THEA 031 - Costuming (including lab)	4
THEA 032 - Makeup	3
THEA 103 - Directing I	3
THEA 120 - Theatre History I	3
THEA 121 - Theatre History II	3
THEA 124 - Technical Practicum	1
THEA 160 - Stage Management	3
THEA 190 - Senior Capstone	1
SCSR 024 - Rhetoric and Social Change	3
SCSR 100 - Philosophy of Dialogue/Interpersonal Communication	3
SCSR 128 - Argumentation and Advocacy	3
Select one from the following:	



EDUC 140 - Speech and the Classroom Teacher	3
SCSR 073 - Public Speaking	3
ENG 038 - Literary Study	4
ENG 039 - Writing Seminar	4
ENG 135 - Adolescent Literature	3
Select one from the following:	
ENG 044 - Approach to British Literature Pre 1900	4
ENG 058 - Reading Shakespeare	4
ENG 128 - Advanced Topics in Drama	3
ENG 140 - Shakespeare: Texts and Contexts	3
ENG 142 - Topics in Early English Texts	3
ENG 143 - Advanced Topics in Early Modern Texts	3
Select one from the following:	
ENG 042 - Approach to American Literature Pre 1900	4
ENG 065 - Introduction to African-American Literature	3
ENG 066 - Reading Race and Ethnicity	3
ENG 067 - Asian-American Literature	3
ENG 077 - Reading Gender	3
ENG 124 - Advanced Topics in History and Traditions	3
ENG 166 - Literature of War	3
ENG 178 - Topics in Multicultural Literature	3
Select one from the following:	
ENG 080 - Topics in Writing	4
ENG 102 - Structure of Modern American English	3
Select one from the following:	
ENG 142 - Topics in Early English Texts	3
EDUC 170 - Reading in Content Area	3
Additional courses as required by the School of Education for teacher certification	
EDUC 001 - Introduction to Education	1
EDUC 103 - Foundations in Education	3
EDUC 108 - Student Development and Learning Theory	3
EDUC 111 - Education Planning and Assessment	3
EDUC 132 - Methods of Teaching Secondary School	3
EDUC 160 - Advanced Technology	2
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
EDUC 167 - Instruction and Management of Secondary Grades	1
EDUC 168 - Student Teaching Secondary	11
SPED 120 - Introduction to Special Education	3

TOTAL
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103-106
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## Writing

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

Bachelor of Arts (B.A.) with a major in Writing

Writing minor

English department web site <https://www.drake.edu/english/>

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### Program Overview

The program in writing is committed to establishing a habit of lifelong learning that emphasizes the relationship of reading, writing and critical thinking. Our students:

- Learn to read and write texts in a variety of modes and genres. They read and write imaginatively, critically, analytically, and interpretively, with close attention to detail, and they situate their reading and writing within established and contested historical, cultural, critical, and literary traditions. They understand that reading and writing are deeply inter-related activities, whether their major emphasizes the production or the reception of texts.
- Think, read, and write collaboratively, sharing their work with others and drawing on their individual and collective knowledge, experience, wisdom, understanding, and background to advance their learning. They become adept at working creatively and effectively with others, through dialogue, debate, and critique.
- Come to English and writing from a broad range of backgrounds, with a variety of beliefs, motivations, and tastes, to pursue a broad range of personal, professional, and expressive goals. Our faculty are co-learners with our students, taking active part in the challenging and rewarding practices of critical literacy and creative writing.
- Develop into culturally aware users of language, attuned to the way language and the variety of meanings to which it gives rise change and respond to contemporary developments, including the political, social, technological, and aesthetic. They learn to question and reflect on these changes and to adapt their readerly and writerly sensibilities to address them.
- Develop the desire to better understand themselves and their world through language, as exploratory writers and inquisitive readers. They are able to achieve that understanding by using language in critical and imaginative ways to advance their learning throughout their lives.
- Become reflective and informed readers, able to generate and pursue complex questions of language's meanings and uses. By focusing on textual details in relation to larger questions of form, purpose, and context, our students are able to articulate well-reasoned understandings of the language they encounter.
- Learn to take pleasure in the play of language and other representational, symbolic systems of thought and expression. They value novelty and experimentation, both in their critical and writerly endeavors, and become adept at seeing and pursuing opportunities for playful engagement with language and meaning.
- Contend with ambiguity and respond meaningfully and responsibly to changes in the way language functions, whether in its literary or everyday manifestations.

- Develop the critical and creative wherewithal to recognize that language and representation are complex and important, wherever they manifest themselves. They are able to use the critical and creative approaches for thinking about film, drama, new media, novels, stories, poems, and other literary artifacts to analyze and reflect on symbolic representation of all kinds, from popular music to painting to political discourse and beyond.

Our courses involve students in a range of activities, including discussions (in class and online), collaborative projects, conferences, presentations, independent study, internships and service learning.

The English Department is committed to supporting interdisciplinary programs and encourages students to pursue interdisciplinary concentrations, second majors and/or minors. A number of the Department's courses are cross-listed with interdisciplinary programs, facilitating such study. In addition, the Writing major permits students to include related courses taken outside the Department for credit toward their program of study, subject to approval by the student's English Department adviser.

Our graduates pursue professional careers in such fields as professional writing, editing, advertising, publishing, education, management, computers, public relations and public service, or pursue post-baccalaureate study in English studies, law school or medical school. Students contemplating graduate study should confer with their advisers about special preparation and should be aware that many graduate schools typically expect proof of competence in foreign languages.

## B.A. Degree Requirements

The Writing major requires 12 courses: at least 5 at the lower division and at least 6 at the upper division. The Writing major allows for 3 electives, 2 of which must be 100-level courses. An English course may be used only once to fulfill a particular major requirement. Transfer students majoring in Writing must take at least 6 courses in English at Drake. Students with advanced placement (A.P.) will be credited one lower-level elective toward the major.

Course	Credits
<b>Lower Division Core</b>	
Gateway	
ENG 038 - Literary Study	4
ENG 039 - Writing Seminar	4
History and Traditions - Select any ENG course numbered 040-059	3-4
Culture and Identity - Select any ENG course numbered 060-079	3-4
Writing: Topics and Genres - Select any ENG course numbered 080-099	3-4
<b>Upper Division Writing Courses - Select at least nine credits from the list below</b>	
ENG 109 - Prose Stylistics	3
ENG 111 - Reading/Writing the Personal Essay	3
ENG 112 - Autobiography and Memoir	3
ENG 113 - Cross-Genre Writing	3
ENG 114 - Advanced Poetry Writing	3

ENG 115 - Advanced Fiction Writing	3
ENG 116 - Creative Writing for New Media	3
ENG 117 - Adaptations and Transformations	3
ENG 118 - Reading and Creating Comics	3
ENG 119 - Community Writing	3
ENG 120 - Advanced Topics in Writing	3
ENG 171 - Teaching Writing: Theory and Practice	3
ENG 172 - Teaching Tutorial Writing	1
Electives - At least nine hours of ENG courses, none of which can count toward any other Writing major requirement. Courses may be taken outside of the department with advisor approval. Up to six individual experience hours (internship, independent study, portfolio) may be counted as electives.	
One ENG course numbered 001-099	3-4
At least six hours of ENG courses numbered 100 or higher	6
Capstone	
ENG 195 - Capstone in English and Writing, or	3
ENG 196 - Capstone in Writing	
TOTAL	38-41

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### Writing Minor

The Writing minor requires a minimum of six courses in English, including ENG 38 and ENG 39, and at least two courses numbered above 100 chosen from this list (109, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 171, 174, 3-credit 198). An English faculty advisor is required.

Course	Credits
ENG 038 - Literary Study	4
ENG 039 - Writing Seminar	4
Select one from the following	
ENG 086 - Reading and Writing Sexuality	4
ENG 087 - Reading and Writing Nature	4
ENG 088 - Reading and Writing Social Class	4
ENG 090 - Reading and Writing Drama	4
ENG 091 - Reading and Writing Poetry	4
ENG 092 - Reading and Writing Fiction	4
ENG 093 - Reading and Writing Non-Fiction	4
ENG 094 - Business and Administration Writing	3

Course	Credits
Select one from the following	
ENG 109 - Prose Stylistics	3
ENG 111 - Reading/Writing the Personal Essay	3
ENG 112 - Autobiography and Memoir	3
ENG 113 - Cross-Genre Writing	3
ENG 114 - Advanced Poetry Writing	3
ENG 115 - Advanced Fiction Writing	3
ENG 116 - Creative Writing for New Media	3
ENG 117 - Adaptations and Transformations	3
ENG 118 - Reading and Creating Comics	3
ENG 119 - Community Writing	3
ENG 120 - Advanced Topics in Writing	3
ENG 171 - Teaching Writing: Theory and Practice	3
ENG 174 - Theories of Language and Discourse	3
ENG 198 - Independent Study	3
Electives - Select two ENG courses, at least one of which must be numbered 100 or higher	6
<b>TOTAL</b>	<b>20-21</b>

## East Asian Studies

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

#### East Asian Studies Minor

World Languages and Cultures department web site <https://www.drake.edu/wlc/>

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### Program Overview

The minor in East Asian Studies provides opportunities for students to develop in-depth knowledge about China and Japan from multiple disciplinary perspectives and prepares students for future life and work in the region. Students will gain an understanding of the factors underlying Asia's rising influence in the world and the possible consequences of this growing role. Available courses stretch across the fields of history, politics, sociology, philosophy, religion, language and fine arts. The minor complements a major in any of these disciplines as well as others, e.g., international relations and international business. Students who minor in East Asian Studies are strongly encouraged to study abroad in Asia.

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#### East Asian Studies Minor

Requirement	Credits
HIST 021 - Pre-Modern East Asia, or	3
HIST 022 - East Asia Since 1600	3
Language - Two semesters of Chinese, Japanese, Korean (must transfer from another institution) or equivalent competence	6
Social Sciences Electives - Select two courses from the following:	
ECON 131 - China's Economic and Business System	3
MKTG 170 - Global Marketing	3
POLS 109 - China and the World	3
POLS 109 - Japan and the World: Issues of War and Memory	3
POLS 162 - The Government and Politics of China	3
POLS 163 - The Government and Politics of Japan	3
POLS 169 - Comparative Asian Politics	3
SCSS 130 - Contemporary Chinese Society	3
Fine Arts/Humanities Electives - Select two courses from the following:	
ART 075 - Themes in Art History	3
ART 103 - Art of India, China, and Japan	3
ART 111 - Cultural Intersections C 1900	3

ART 113 - Current Chinese Art and Issues	3
ART 117 - Chinese Landscaping Painting	3
HIST 021 - Pre-Modern East Asia	3
HIST 022 - East Asia Since 1600	3
HIST 128 - Imperial China	3
HIST 129 - Modern China	3
HIST 130 - Twentieth Century China	3
HIST 131 - Modern Japan	3
HIST 170 - Women and Family in China	3
HIST 177 - Politics and Society: Late Imperial China	3
REL 064 - Introduction to Buddhism	3
REL/PHIL 103 - Philosophy and Religion in China	3
REL/PHIL 111 - Eastern Philosophy	3
REL 114 - Religions of Des Moines	3
REL/PHIL 121 - Comparative Religions	3
REL/PHIL 125 - Philosophy of Religion	3
REL 151 - China: Way of the Sage	3
WLC 148 - Intercultural Communication	3
WLC 147 - Capstone for WLC Minors	1
Study Abroad: Study abroad is strongly recommended, but not required. Students will take advantage of existing opportunities, including short-term travel seminars.	



## Geography

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

Available Option

Geography minor

Study of Culture and Society department web site <https://www.drake.edu/scs/>

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### Geography Minor

A minor in geography (emphasizing cultural geography) may be combined with an academic major in another discipline. Geography is the holistic study of the earth's surface features, attributes, processes and relationships among various spatial factors, and how they change over space and time. An understanding of geography is essential in an increasingly globalizing world where environments are more strained, economies are more global and cultures are more dynamic and intermingled.

Course	Credits
SCSG 002 - Human Geography	3
SCSG 003 - World Geography	3
ENSP 065 - Geographic Information Systems	3
Three additional upper-division geography courses	9
<b>TOTAL</b>	<b>18</b>

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## **Latin American Studies**

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### **Program Option**

Latin American Studies Minor

World Languages and Cultures department home page <https://www.drake.edu/wlc/>

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### **Program Overview**

The Latin American Studies minor is a multidisciplinary program that offers students who have studied Spanish the opportunity to add a regional focus to their studies. The minor provides a coherent framework for the study of Latin America. It is designed to prepare students for becoming leaders with specialized knowledge of the peoples, cultures, languages, and social systems of Latin America. It is also intended for heritage speakers of Spanish who wish to gain greater understanding of their identity, as well as for those who simply wish to acquire more knowledge about Latin American.

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### **Latin American Studies Minor**

The Latin American Studies minor requires 19 credits of coursework, 12 credits of which must be taken at Drake. No more than nine credits may be completed in any single discipline. The courses listed below will count toward the minor, and the MLAS advisor may approve other appropriate courses.

Students who minor in Latin American Studies must complete at least one Spanish class above the SPAN 052-level (fourth semester) at Drake or one Portuguese class above the fourth semester at another institution.

Study abroad in Latin America is strongly advised. The study abroad program in Latin America must be approved by both Drake and the Latin American Studies advisor (a tenured or tenure-track Spanish professor or the chair of WLC in consultation with the student's primary advisor). Up to six credit credits from the study abroad experience may be applied toward the minor.

The student, in consultation with his or her Latin American Studies advisor, determines the distribution of courses comprising the minor. Together, student and advisee design a multidisciplinary program with courses chosen from at least two different disciplines. Courses chosen to complete the minor should fulfill the goals of the Latin American Studies minor specified in the Program Overview above.

Students are required to develop a special thematic or regional interest (potential tracks might include human rights in Latin America; politics in Latin America; the U.S.-Mexico border region and immigration; energy, resources and the environment; business in Latin America; and languages and cultures) and to pursue that interest through a relevant selection of courses. Students will either select one of these tracks or propose a different one, subject to approval by her/his MLAS advisor. Once the student has decided on a thematic or regional interest, s/he should compose a short paper in which the student's individual objectives for the minor

are articulated, as well as the rationale for the selection of particular courses. The MLAS advisor will approve the paper and/or suggest revisions.

The one-credit-hour WLC 147 capstone course will be supervised by a faculty member from World Languages and Cultures, in which the minor will be administered. Students will create an electronic portfolio that includes a collection of best work, demonstrating developmental progress and, most importantly, focusing on reflective writing to connect to the minor's learning outcomes.

#### *Approved Courses*

ACTS 198 - Family, Lifestyles, and Annuity Tables (J-Term)	3
COUN 145/245 - Counseling Diverse Populations (J-Term)	3
ECON 135 - Developing Economies	3
ENG 066 - Reading Race & Ethnicity	3
ENG 083 - English in America: Language, Citizenship, and Identity	3
ENG 163 - Transcultural Literature	3
ENG 164 - Latino/a Culture	3
HIST 123 - Modern Mexico	3
HIST 124 - Aztecs, Incas, Mayas	3
HIST 125 - Colonial Latin America	3
HIST 126 - Modern Latin America	3
HIST 156 - Sex, Power, and War - Aztec Empire	3
HONR 073 - US Latino Language and Culture	3
JMC 199 - Family, Lifestyles, and Innuity Tables (J-Term)	3
SCSA 002 - Introduction to Cultural Anthropology	3
SCSA 150 - Migrant Oral History	3
SCSA 150 - US-Mexico Borderlands	3
SCSA 156 - Ethnographic Methods	3
SCSS 155 - Global Youth Studies	3
SCSS 196 - Contemporary Urban Mexico (J-Term)	3
SPAN 140 - Spanish Practical Speaking and Writing	3
SPAN 150 - Spanish Language and Culture	3
SPAN 151 - National Identity	3
SPAN 152 - Film	3
SPAN 153 - Culture and Society	3
SPAN 154 - Cultural Health Perspectives	1-3
SPAN 155 - Spanish for Business	3
SPAN 160 - Literature	3
WGS 111 - Latino/a Literature	3
WLC 148 - Intercultural Communication	3

WLC 150 - The Other Side of the Wall: The Presence and Effects of American Culture in Mexico	3
WLC 196 - Contemporary Urban Mexico (J-Term)	3

Additional courses may be approved by the World Languages and Cultures Department as necessary.

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## Military Studies

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

#### Military Studies minor

Drake R.O.T.C. web site <https://www.drake.edu/rotc/>

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### Program Overview

A minor in Military Studies entails the development of student's awareness of the position the military plays within the structure of a free society. Leadership studies are an emerging discipline and the concept of leadership and how it can be reciprocal will be explored. A minor in military studies will present a mentally, morally, and physical environment in order to establish a foundation in having students experience the beliefs and behaviors of strong leaders throughout history. Starting with the premise that all civilizations owe their origins to war-making, a minor in military studies probes the meanings, motivations and methods underlying war in different societies over the course of more than 2,000 years. The minor in military studies at Drake University provides students with a splendid opportunity not only to understand the practices and precepts of the military more clearly, but also to provide a start point for assuming the highest responsibilities of leadership and citizenship in all walks of life.

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### Military Studies Minor

Drake University students can receive a minor in military studies by completing 18 hours of specialized coursework in military studies. The minor is not restricted to ROTC participants; any Drake student may participate in this curriculum. In particular, individuals interested in public service careers, media students who may want to report on military matters, or individuals who may come into contact with the military through business associations may benefit from this program.

The military science minor includes 12 hours from a combination of either the Army or Air Force ROTC program and 6 credit hours from non-ROTC courses on related military topics. Completion of the minor in military studies is not contingent upon a commission in the Armed Forces being tendered.

The following non-ROTC courses are currently approved for the military minor:

Course	Credits
ENG 166 - Literature of War	3
HIST 112 - Civil War and Reconstruction	3
HIST 113 - America as a World Power	3
HIST 139 - World War I	3

HIST 168 - U.S. Interventionism	3
HIST 169 - The U.S. and the Origins of the Cold War	3
PHIL 090 - Ethics	3
POLS 121 - The United Nations and Global Society	3
POLS 124 - Revisiting the Vietnam War	3
POLS 125 - Post-Conflict Justice	3
POLS 136 - The Arab-Israeli Conflict	3
POLS 173 - Human Rights and World Politics	3
POLS 179 - American Foreign Policy	3
Total	18

Students may petition with the Associate Dean of the College of Arts and Sciences to gain approval of other courses to meet this requirement.

Drake University is a member of Service members Opportunity Colleges (SOC), a consortium of more than 1,300 institutions pledged to be reasonable in working with service members and veterans who are trying to earn degrees while pursuing demanding, transient careers. As an SOC member, Drake is committed to easing the transfer of relevant course credits, providing flexible academic residency requirements and crediting learning from appropriate military training and work experiences. SOC is sponsored by 15 national higher education associations with the military services, the National Guard Bureau and the Office of the Secretary of Defense serving as cooperating agencies.

## Behavior Analysis of Developmental Disabilities

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

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### Program Option

Behavior Analysis of Developmental Disabilities Concentration

Biology department web site <https://www.drake.edu/biology/>

Environmental Science and Sustainability department web site <https://www.drake.edu/enss/>

Psychology and Neuroscience department web site <https://www.drake.edu/psychology/>

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### Program Overview

This cross-disciplinary program of study provides students interested in working with children with disabilities the knowledge and skills necessary to be successful in settings such as a classroom or clinical and applied settings. This program emphasizes two areas — behavior analysis and developmental issues.

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### Behavior Analysis of Developmental Disabilities Concentration

Course	Credits
Required courses	
PSY 001 - Introduction to Psychology (with lab)	4
PSY 060 - Principles of Behavior	3
SPED 120 - Introduction to Special Education	3
Select one of the following:	
PSY 162 - Applied Behavior Analysis	3
SPED 153 - Applied Behavior Analysis and PBS	3
Select one of the following:	
EDUC 108 - Student Development and Learning Theory	3
PSY 042 - Child and Adolescent Development	3
Select one of the following:	
SPED 125 - Introduction to Learning Disabilities and Behavior Disabilities	3
SPED 172 - Schools, Families, Communities, and Disabilities	3

Select one of the following:	
PSY 142 - Behavior Analysis of Child Development	3
PSY 148 - Psychology of Developmental Disabilities	3
TOTAL	22

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## Biophysics

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

#### Biophysics Concentration

Physics and Astronomy department web site <https://www.drake.edu/physics/>

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### Program Overview

This concentration is addressed to physics and astronomy students but also students in biology, chemistry, biochemistry, psychology, pharmacy, health sciences, and generally any student interested in applications of physics to biological systems. It provides a good background for further studies in biophysics, biomechanics, and medical fields and can lead to careers in these areas.

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### Biophysics Concentration

Course	Credits
PHY 001 (with lab and discussion) - Physics 1, or PHY 011 (with lab and discussion) - Physics I	4 4
PHY 002 (with lab and discussion) - Physics 2, or PHY 012 (with lab and discussion) - Physics II	4 4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
CHEM 001 and 003 - General Chemistry I, or CHEM 097 and 098 - Organic Chemistry I	4 4
CHEM 002 and 004 - General Chemistry II, or CHEM 108 and 110 - Organic Chemistry II	4 4
BIO 165 - Cell Biology, or BIO 186 and 187 - Molecular Biology, or equivalent course from Pharmacy (with lab and discussion)	4 4
PHY 132 - Medical Biophysics	3
PHY 189 - Medical and Sports Biomechanics	2
Electives - choose at least one from	3-4
CHEM 161 - Biophysical Chemistry	4
BIO 188 - Structural Biology	3
BIO/CS 116 - Bioinformatics	3
PHY 197/198 - Research I/II (Senior Capstone)*	3
TOTAL	30

Requirements for the program also include prerequisite/co-requisite courses in mathematics. Depending on the student's career goals, the academic advisor may recommend other courses chosen from electives.

### Grade Requirements for Graduation

3.0 minimum (B) average is required in all biophysics-credit courses.

\* Research Participation (Capstone): At least 3 cr of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates). A paper and an oral presentation are required. The topic must be related to biophysics and be approved by the student's advisor in advance.

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## Comparative Animal Behavior

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

#### Comparative Animal Behavior Concentration

Psychology and Neuroscience department web site <https://www.drake.edu/psychology/>

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### Program Overview

The Comparative Animal Behavior concentration offers a coherent interdisciplinary program of study intended to prepare students for employment or advanced study in fields including components of the behavior of nonhuman animals. These fields include – but are not limited to – psychology, ethology, neuroscience, veterinary medicine, conservation biology. All students are encouraged to seek laboratory and field experiences in addition to required course work.

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#### Comparative Animal Behavior Concentration

The concentration requires a total of 27 credits, at least 15 of which cannot be counted toward any other major, minor, or concentration.

Course	Credits
Required Courses	15
BIO 013, 013L - General/Pre-professional Biology II (with lab)	4
BIO 114, 114L - Evolution (with lab)	4
PSY 001 - Introduction to Psychology	4
PSY 024/BIO 025 - Animal Behavior	3
Electives - select one from each cluster	12-16
Cluster 1 - Molecular Determinants of Behavior	
BIO 105 - Introduction to Genetics	3
BIO 129, 129L - Mammalian Physiology with lab	5
PSY 127/BIO 107/NSCI 127 - Behavior Genetics	3
Cluster 2 - Biological Determinants of Behavior	
BIO 176 - Neurophysiology	3
PSY 122 - Sensation and Perception	3
PSY 123 - Biological Bases of Behavior	4
PSY 128 - Hormones and Behavior	3

Cluster 3 - Comparative Analysis of Behavior	
PSY 026 - Human Evolutionary Psychology	3
PSY 126 - Comparative Psychology	3
PSY 129 - Primate Cognition	3
Cluster 4 - Ecological Factors	
BIO 098 - Introduction to Primatology	3
BIO 117 - Ecology	3
BIO 125/ENSP 135 - Conservation Biology	4
Total	27

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## Human Resources Management

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

#### Human Resources Management Concentration

Psychology department web page <https://www.drake.edu/psychology/>

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### Program Overview

This concentration focuses on issues surrounding the management of people in organizations. It is available to undergraduate students of any major who have an interest in human resource management and want to prepare for a career in human resources or related fields. The concentration is designed to provide students with the core competencies to be competitive in today's job market. Drake's H.R. concentration is an interdisciplinary program provided by the College of Business and Public Administration, the College of Arts and Sciences, and the School of Education.

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#### Human Resources Management Concentration

Course	Credits
Drake Curriculum Courses	
PSY 001 - Introduction to Psychology (with lab)	4
PSY 011 - Introductory Statistics, or SOC 158 - Social Science Statistics, or STAT 060 - Statistics for the Life Sciences, or STAT 071 - Statistics I	3-4
Human Resource Coursework - A total of 21 credits, at least 15 credits of which must come from the Human Behavioral Processes and Specific Skills Development categories.	21
Required Courses	6
MGMT 110 - Organizational Behavior, or PSY 085 - Organizational Psychology*	3
MGMT 182 - Introduction to Human Resource Management	
Human Behavioral Processes - Select at least one course from this category.	3-12
ECON 115 - Labor Economics	3
MGMT 133 - Managing Diversity in the Workplace, or PSY 135 - Psychology of Prejudice	3

LEAD 050 - Leadership: Theory to Practice, or MGMT 184 - Leadership and Personal Development	3
PSY 030 - Social Psychology	3
PSY 085 - Organizational Psychology*	3
Specific Skills Development - Select at least one course from this category.	3-12
BUS 073 - Business and Professional Communication, or ENG 094 - Business and Administrative Writing	3
MGMT 186 - Compensation and Benefits	3
PSY 133 - Psychological Assessment	4
PSY 183 - Industrial Psychology	3
BUS 191 - Internship in Business**, or PSY 192 - Internship**	3
TD 113 - Performance Consulting	3
TD 114 - Designing, Developing, and Facilitating Learning	3
<b>TOTAL</b>	<b>28</b>

\*PSY 085 may be counted in the Required Courses category or in the Human Behavioral Processes category, but not in both.

\*\*PSY 192 and BUS 191 must be approved as HR internships by the Human Resources Concentration coordinator.

Students are encouraged to complete an internship in human resources during either their junior or senior year. Internships in H.R. are available during the school year and summer months. These opportunities allow students to gain valuable on-the-job experiences and a competitive edge in today's job market.

## Interdisciplinary Study of the Humanities and Sciences Concentration

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

#### Interdisciplinary Study of the Humanities and Sciences Concentration

<https://catalog.drake.edu/undergraduate/collegeofartsandsciences/areas/ishs/>

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### Program Overview

The Interdisciplinary Study of the Humanities and Sciences (ISHS) is an 18-hour concentration that invites students from any academic discipline to investigate topics in humanities and sciences from a variety of perspectives. It engages with historical, philosophical, ethical, cultural, and representational aspects of scientific and mathematical investigation. It also examines social formations, cultural objects and practices, texts, and discourses from empirical and experimental perspectives.

Students will engage with these issues, questions, and perspectives both collaboratively and individually. In doing so, they will develop and articulate their understanding of how scientific inquiry, mathematical reasoning, and humanistic analysis and interpretation relate to one another. Students who successfully complete the concentration in ISHS will be able to articulate a complex, nuanced, reflective, and informed understanding of the way the sciences and humanities interrelate.

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### Program Requirements

Course	Credit
ISHS 100 - Themes in the ISHS	3
Electives - Select 12 credits from the following. At least six credits must be upper-level:	
ART 070/CHEM 070 - Art and Chemistry	3
CS 083 - Computer Ethics	3
ENG 093 - Reading and Writing Nature	4
ENG 123 - Climate Fiction	3
ENG 130 - Transatlantic Landscapes	0-3
ENG 174/ENG 128/HONR 184 - Theories of Language and Discourse	3
ENSS 061 - Environmental Sociology	3
MATH 017 - Spirit of Mathematics	3
PHIL 148/REL 148/HONR 148 - Religion and Science	3

PHIL 173/PHY 189/HONR 173 - Physics and Philosophy	3
PHIL 129/HONR 129 - Philosophy of Science	3
PHIL 130/HONR 128 - Minds, Brains, and Computers	3
PHIL 140/HONR 171 - Neuroscience and the Law	3
PSY 137/WGS 160 - Psychology of Gender	3
SCSS 061 - Environmental Sociology	3
SCSS 125/HONR 165 - Science and Society	3
SCSS 150/HONR 117 - New Materialist Feminisms	3
SCSS 164/HONR 157 - Feminism, Nature, Matter	3
SCSS 178/HONR 160 - Gender, Technology, and Embodiment	3
STEM 174 - Science Methods and the Nature of Science	3
ISHS 199 - Independent study	3
<b>TOTAL</b>	<b>18</b>

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## Jazz Studies

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

Concentration in Jazz Studies <https://www.drake.edu/music/>

Music department home page <https://www.drake.edu/music/>

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### Program Overview

The Concentration in Jazz Studies is intended to help students interested in jazz to develop the skills necessary to be a marketable professional jazz and studio musician. Students in the program will study jazz styles, history, improvisational techniques, arranging and composition, and have opportunities in a recording studio both performing and recording their own work. Students also receive private lessons from professional jazz artists on their instrument. The regular requirements of the primary music degree are not affected; the jazz courses only apply to electives.

Any student completing the Jazz Studies concentration will be a highly diverse performer, having experience as a soloist, a member of a band or orchestra as well as with playing in large and small jazz ensembles. Graduates will possess the necessary skills to arrange and compose for jazz and studio ensembles, and will be prepared to work in almost every musical arena available today.

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### Jazz Studies Concentration

The Concentration in Jazz Studies is intended to train students to have marketable skills for working as professional jazz and studio musicians. The Concentration in Jazz Studies is not intended to be a substitute for any of the professional degrees offered by the Department of Music.

Students may receive the Concentration in Jazz Studies with any major degree program offered through the University. This concentration is best suited with a Bachelor of Music or a Bachelor of Arts in Music; a very hardworking Bachelor of Music Education student could receive it, although extra time may be necessary.

Course	Credits
MUS 010 - Jazz History	2
MUS 012 - Jazz Theory/Keyboard	2
MUS 055 - Jazz Improvisation I	2
MUS 056 - Jazz Improvisation II	2
MUS 133 - Jazz Arranging/Composition	2
MUS 134 - Marching Band Techniques	2
MUS 144 - Jazz Recording Techniques	2

MUS 145 - Jazz Ensemble	1
MUS 181 - Chamber Ensemble	1-3
Applied Jazz Courses - Select two credits from the following courses	
MUS 183 - Jazz Piano	1
MUS 184 - Jazz Bass	1
MUS 196 - Jazz Guitar	1
MUS 197 - Jazz Wind	1
MUS 198 - Jazz Wind Instruments	1
TOTAL	18-20

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## Women's and Gender Studies

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

#### Concentration in Women's and Gender Studies

Women's and Gender Studies department web site

<https://catalog.drake.edu/undergraduate/collegeofartsandsciences/areas/wgs/>

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### Program Overview

The Women's and Gender Studies program spans a wide range of disciplines to offer courses that focus on the analysis of gender as a category. Courses associated with the program pay particular attention to the social construction of gender identity and gender relations and to the intersection of gender with other categories, including race, class, and sexuality. The Women's and Gender Studies program values student engagement with feminist discourses and practices and seeks to help students understand representations and realities of gender in multicultural and global contexts.

All students who complete the Concentration in Women's and Gender Studies engage in either an independent study or an internship, depending on their interests and needs. The Concentration in Women's and Gender Studies is designed to complement majors and career goals in many different fields, including government, non-profit agencies, non-governmental organizations, education, human resources, social work, counseling, law, medicine, and the arts.

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### Women's and Gender Studies Concentration

Students who complete a Concentration in Women's and Gender Studies choose from many disciplines to complete their requirements and are encouraged to explore gender through the lens of multiple academic fields. The concentration includes a practicum—either an internship or an independent study—to provide students with professional preparation and opportunities to explore specific interests in greater depth.

Students should work closely with their advisors to select courses that support their personal and professional aspirations and to determine what form of practicum best suits their educational and career objectives.

Course	Credits
WGS 075/ENG 075/SCSS 075 - Introduction to Women's and Gender Studies	3
Four WGS core courses - choose from the following:*	12
ART 112 - Women and Renaissance Art	3
EDUC 164 - Perspectives in Race, Ethnicity, and Gender	3
ENG 040 - Renaissance Women	3

ENG 042 - Approaches to American Literature, Pre-1900	4
ENG 066 - Reading Race and Ethnicity	3
ENG 077 - Reading Gender	3
ENG 086 - Reading and Writing Sexuality	4
ENG 088 - Reading and Writing Social Class	4
ENG 112 - Reading and Writing Autobiography	3
ENG 124 - Topics: Salem Witch Trials	3
ENG 126 - Feminism in Film	3
ENG 126 - Film History	3
ENG 126 - Women and Film	3
ENG 126 - Women in Horror Film and Fiction	3
ENG 129 - Film Noir	3
ENG 135 - Adolescent Literature	3
ENG 136 - Adolescence and American Fiction	3
ENG 151 - Colonial American Literature	3
ENG 152 - American Literature to 1900	3
ENG 158 - Literature of South Africa	3
ENG 164 - Latino/a Literature	3
ENG 165 - Postcolonial Literature	3
ENG 174 - Theories of Language and Discourse	3
ENG 180 - Poetics	3
ENG 180 - Seminar in Literary Theory: Feminism	3
ENG 197 - Imagining Realities	3
HIST 015 - Intro to Historical Inquiry: Radicals & Reformers in Modern America	3
HIST 078 - Intro to Historical Inquiry: Greenwich Village & Harlem	3
HIST 099 - European Women's History	3
HIST 115 - Native America	3
HIST 156 - Sex, Power, and War in the Aztec Empire	3
HIST 170 - Women and Family in Modern China	3
HIST 172 - Women and Gender in Early America	3
HIST 173 - Women and Gender in Modern America	3
HIST 194 - History of Public Health and Medicine	3
HONR 192 - Space Matters	3
HONR 195 - Women and the Law	3
LPS 035 - Law and the Borders of Belonging	3
LPS 135 - Uncomfortable Transactions	3
LPS 135 - Critical Race and Feminist Theory	3
LPS 138 - Reproductive Law and Politics in the U.S.	3

LPS 146 - Urbanization and Social Justice	3
LPS 190 - Governing Through Crime	3
PHIL 091 - Contemporary Ethical Problems	3
POLS 109 - Human Trafficking	3
POLS 109 - Gender and War	3
POLS 109 - Women in Development	3
POLS 109 - Women, Peace, and Security	3
POLS 127 - Global Health	3
POLS 176 - Gender and World Politics	3
REL 151 - Women and Hebrew Scriptures	3
REL 155 - Liberation Theologies	3
SCS 143 - Speaking with Many Voices	3
SCS 146 - Gender and Culture in Islam	3
SCSA 076 - Feminist Anthropology	3
SCSA 076 - Masculinities	3
SCSA 076 - Psychological Anthropology	3
SCSA 150 - Anthropology and Sexuality	3
SCSA 150 - Erotic Culture	3
SCSA 150 - Language and Gender	3
SCSA 150 - Masculinities	3
SCSA 150 - Migrant Oral Histories	3
SCSR 118 - Rhetoric of American Family	3
SCSR 134 - Bodily Rhetorics: Disability	3
SCSR 134 - Environmental Communication	3
SCSR 134 - Gender and Communication	3
SCSR 134 - Journal Editing	3
SCSR 134 - Rhetoric and Pop Culture	3
SCSR 134 - Rhetorics of Sex and Gender	3
SCSS 020 - Introduction to Race and Ethnicity	3
SCSS 050 - Intimate Relations	3
SCSS 076 - Inequality and Public Health	3
SCSS 076 - Making Families Public	3
SCSS 076 - Sociological Inquiry	3
SCSS 076 - Sociology of Childhood	3
SCSS 077 - The Art of the Interview	3
SCSS 130 - Contemporary Chinese Society	3
SCSS 137 - Women, Madness, and Culture	3
SCSS 150 - Feminism, Nature, Matter	3

SCSS 150 - Global Reproductive Politics	3
SCSS 150 - Madness, Culture, and Power	3
SCSS 150 - New Materialist Feminisms	3
SCSS 150 - Sociology of Education	3
SCSS 150 - Women, Race, and Class	3
SCSS 161 - Race and Ethnicity	3
SCSS 173 - Global Citizenship	3
SCSS 174 - Feminist Theories	3
SCSS 176 - Documenting Lives	3
SCSS 177 - Gender and Violence	3
SCSS 178 - Gender, Technology, Embodiment	3
Practicum**	3
WGS 191 - Internship, or	3
WGS 192 - Independent Study	1-3
<b>TOTAL</b>	<b>18</b>

\*No more than six credits from any one discipline may count toward the completion of the WGS Core.

\*\* Prerequisites for both internships and independent studies include a minimum of nine credits completed toward the concentration with a minimum 3.0 GPA, junior or senior status, and approval of a Women's and Gender Studies faculty advisor.

## Zoo and Conservation Science

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

Program Option

Zoo and Conservation Science Concentration

Environmental Science and Policy department home page

Psychology & Neuroscience department home page <https://www.drake.edu/psychology/>

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### Program Overview

This interdisciplinary concentration prepares students in a liberal arts tradition for entry level positions leading to leadership positions in zoos and conservation organizations. Coursework in this concentration is strongly interdisciplinary, drawing upon biology, psychology, and environmental science classes. Students develop technical and quantitative skills including laboratory and field methods, statistical analysis, and professional communication. Hands-on experience is a key component of this concentration. The program includes a mid-program practicum and a senior-year internship; this provides real-world experience in zoo and conservation settings and connect students with ongoing projects at the Blank Park Zoo (<https://www.blankparkzoo.com/>) and the Ape Cognition and Conservation Initiative (<https://www.apecognition.org/>), both of which are Drake partners located in Des Moines.

Drake's Zoo and Conservation Science concentration is distinguished by its fundamental interdisciplinarity, emphasis on field experiences, opportunities for research and independent study, and service learning approach in the practicum and internship sequence. Graduates of the program will be well prepared to work in work in the areas of animal behavior, wildlife rehabilitation, and animal conservation, or to pursue graduate study in diverse fields of zoological and environmental sciences.

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### Zoo and Conservation Science Concentration

The concentration must include at least 15 credit hours that are not counted toward any other major, minor, or concentration. The distribution of credits among departments varies due to cross-listing of courses.

Course	Credits
PSY 001 - Introduction to Psychology	4
BIO 025/PSY 024 - Animal Behavior	3
BIO 026/ENSS 026 - Ethological Methods	3
BIO 128/ENSS 128 - Zoo Biology	3
ENSS 127 - Endangered Species Conservation	3
MGMT 110 - Organizational Behavior	3

Life Science Base	
BIO 012 - General/Pre-Professional Biology I	3
BIO 012L - General/Pre-Professional Biology I Lab	1
BIO 013 - General/Pre-Professional Biology II	3
BIO 013L - General/Pre-Professional Biology II Lab	1
BIO 117 and BIO 118L - Ecology with Lab	5
BIO 140 - Biology Research and Statistical Methods, or PSY 011 - Introductory Statistics	4
CHEM 001 - General Chemistry I	3
CHEM 003 - General Chemistry I Lab	1
Disciplinary Courses - Select one course from each of the following areas.	
Behavioral Science	
PSY 026 - Evolutionary Psychology	3
PSY 060 - Principles of Behavior	3
PSY 120 and PSY 121 - Conditioning and Learning with Lab	4
PSY 123 - Biological Basis of Behavior with Lab	4
PSY 126 - Comparative Psychology	4
PSY 127 - Behavior Genetics	3
PSY 128 - Hormones and Behavior	3
Biological Mechanisms	
BIO 018 - Anatomy & Physiology	3
BIO 018L - Anatomy & Physiology Lab	1
BIO 101 - Comparative Anatomy	3
BIO 103/103L - Microbiology with Lab	5
BIO 105 - Intro to Genetics	3
NSCI 001 - Introduction to Neuroscience	3
Organismal Biology, Ecology, and Evolution	
BIO 091 - Understanding Evolution	3
BIO 098 - Introduction to Primatology	3
BIO 101 - Comparative Anatomy	3
BIO 112L - Avian Winter Ecology	3
BIO 113/113L - Vertebrate Biology with Lab	4
BIO 114 and BIO 114L - Evolution with Lab	4
BIO 119/119L - Herpetology with Lab	3
BIO 122/122L - Mammalogy with Lab	3
BIO 125/ENSS 125 - Conservation Biology	4
BIO 130/130L - Ornithology with Lab	3
PSY 026 - Evolutionary Psychology	3



Practical Courses - Select one from each of the following	
BIO 109/ENSS 109/PSY 190 - Zoo/Great Ape Practicum	2
BIO 159/ENSS 159/PSY 192 - Zoo/Great Ape Internship	3
BIO 197/ENSS 197/PSY 192 - Senior Research	2
<b>TOTAL</b>	<b>52</b>

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## Global Ambassador Certificate Program

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

- Global Ambassador Certificate Program (see web site for application)
- <https://www.drake.edu/cgc/students/globalambassadorprogram/>
- 
- The Principal Financial Group Center for Global Citizenship
- <https://www.drake.edu/cgc/>

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### Program Overview

The Global Ambassadors Certificate Program, part of The Principal Financial Group Center for Global Citizenship, is designed to complement a student's central program of academic study. The purposes of the Global Ambassadors Program are to provide students with the following:

1. A combination of concentrated study, personal experience and reflection that will inform their understanding of global issues and perspectives,
2. The intercultural skills that will allow them to make the most of future international opportunities in business, the professions or public service.

Upon completion of the program, students will receive a certificate that recognizes their achievement and the activities in which they engaged. A notation acknowledging their successful completion of the program also will appear on the student's academic transcript.

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### Global Ambassador Certificate

Students must apply for the Global Ambassadors Program and have a minimum GPA of 3.0. Undergraduate students from any school or college are eligible to apply. To receive a certificate, students need to meet a set of requirements combining academic and co-curricular experiences.

Requirement	Credits/ Hours
WLC 148 - Intercultural Communication*	3
Complete two semesters of World Languages and Cultures language study or an equivalent amount of training through study abroad or college transfer credits**	2-6 credits
Complete any credit-bearing study abroad experience. This may include semester- or year-long programs, summer international study seminars or an internship experience abroad that has been accepted for Drake credit.	TBD
A minimum of 50 work hours (not credit hours) of service learning. This requirement is often met by volunteering for a local community group or organization with an international focus.	50 hours

The Center Director will make available a pre-approved list of organizations. Students also may propose their own volunteer or internship experience, including experiences in other cities or countries (e.g., internship or volunteer experiences connected to study abroad).	
Regular attendance at CGC-sponsored events, other internationally-oriented events on campus or in the community (at least four events per semester) and regular participation in the activities of the Global Ambassador program	TBD
Global Ambassador Capstone Experience (2 credits) As a culmination of the Global Ambassador program, students will participate in a group learning experience designed to put the concept of global citizenship into practice by educating the campus and/or community about a global issue or a cultural perspective. The capstone project should be completed in a student's senior year. Students will register for the capstone as independent study credit (2 credits). As an alternative to the group project, students may fulfill the senior capstone requirement by taking (when available) SCSS 173: Global Citizenship (3 credits) and POLS 123: Grassroots Globalism (4 credits)	2-4 credits
Total	7-13 credits, 50+ other hours TBD

\* An equivalent course from study abroad may be substituted.

\*\* Pre-college training (e.g., high school) in a second language other than English may not be substituted for this requirement.

# Academic Regulations

## Academic Dishonesty Policy Statement

### 1. Definitions

Academic dishonesty is an all-encompassing term involving any activity that seeks to gain credit for work one has not done, or to deliberately damage or destroy the work of others. It includes plagiarism (the misrepresentation, either by intent or negligence, of another's ideas, phrases, discourse, or works as one's own), cheating (the act, or attempted act, of giving or obtaining aid and/or information by illicit means in meeting any academic requirement, including examinations), fabrication (intentional and unauthorized falsification or invention of any information or citation in an academic sense in any academic exercise), and facilitating academic dishonesty (intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty). Examples of such cases include, but are not limited to:

- Copying from the Internet or worldwide web and representing it as one's own thoughts or work;
- Copying from another student's paper, laboratory report, or other report, or computer files or listing and representing it as one's own thoughts or work;
- Using, during a test or laboratory experiment, material and/or devices not authorized by the instructor in charge;
- Without the instructor's permission, collaborating with another, knowingly assisting another or knowingly receiving the assistance of another in writing an examination or in satisfying any other course requirements;
- Incorporating into written assignments materials written by others without giving them credit, or otherwise improperly using information written by others (including that which might be stored on computer disks or other technological devices), or submitting commercially prepared papers as one's own;
- Submission of multiple copies of the same or similar papers without prior approval of the several instructors involved;
- Claiming as one's own work that which was done by tutors or others with no mention of credit to or the assistance of those persons;
- Deliberately damaging or destroying another's laboratory experiments, computer work or studio work;
- Knowingly obtaining access to, using, buying, selling, stealing, transporting, or soliciting in its entirety or in part, the contents of a test or other assignment unauthorized for release;
- Substituting for another student, or permitting another student to substitute for oneself, to take a test or other assignment or to make a presentation;
- Intentional and unauthorized falsification or invention of any information or citation in an academic exercise;
- Forgery, alterations, or misuse of University documents;
- Falsifying information submitted or failure to reveal relevant information in any University application form or offering any false information in any University disciplinary proceeding. Each instructor reserves the right to further clarify and define his/her expectations of academic integrity orally or in written form, such as through the course syllabus.

### 2. Penalties

The penalty for cheating or plagiarism will vary from incident to incident, depending upon the scope and magnitude of the offense and the circumstances in which it occurred; upon the prior record of the person being penalized; and upon evidence suggesting the existence or absence of a pattern of academic dishonesty in the

academic performance of the person committing the offense. Possible penalties include a reprimand, grade penalty, dismissal from the course and a recommendation for dismissal from the University. Responsibility for dealing with cases of academic dishonesty begins with the faculty member who identifies an instance of academic dishonesty.

### **3. Appeals**

Not later than fourteen (14) days after an alleged Academic Integrity Policy violation comes to his/her attention, the instructor shall:

- Provide the student with written notice describing the alleged violation and
- Make a good faith effort (normally, both an e-mail and a phone mail message during the academic year; and an e-mail and a regular U.S. letter during the summer or winter break) to meet with the student to discuss the alleged violation. After the meeting, or after it becomes clear that the student refuses to meet, the instructor shall exercise professional judgment in selecting his/her course of action. A student may appeal an instructor's decision regarding a violation of the Academic Integrity Policy by notifying the dean or the associate/assistant dean within ten (10) working days of notification of the penalty(s) imposed by the instructor. The dean's office will refer the issue to the chair of the Academic Integrity and Appeals Committee to schedule a hearing. The chair of the Academic Integrity and Appeals Committee will notify the student and the instructor in writing at least ten (10) working days prior to the hearing date. The notification shall include the alleged Academic Integrity Policy violation giving rise to the hearing, hearing procedures, the date, time, and location of the hearing, copies of documents that the committee intends to use at the hearing and the name of the chair. Specific details regarding the hearing process and rights therein will be provided to the student when he or she notifies the dean or the associate/assistant dean of a potential appeal. The Academic Integrity and Appeals Committee will present a verdict. The student or the instructor may appeal the decision(s) of the Academic Integrity and Appeals Committee to the dean. A written notice of appeal must be delivered to the office of the dean within ten (10) working days from the receipt of the hearing report from the committee. Written details pertaining to this final appeal process are available in the college office. The dean's decision on appeal is final.

### Adjustments to Academic Regulations

Students who seek adjustments to the academic regulations of the college may do so by filing an Academic Petition. Students wishing to petition for adjustments should secure the appropriate forms in the college office, obtain the approval of their academic adviser(s) and, if necessary, department chair, and then submit their petition to the associate/assistant dean.

### Appeals of Academic Evaluations

A student who wishes to challenge the grading practices of an instructor of the college may appeal for a change of grade. The student must initiate the appeals procedure with the instructor on or before the third Wednesday of the semester following the issuance of the grade in question (excluding summer terms). First, the student must meet with the instructor involved in an attempt to resolve the problem. If the matter remains unresolved, the student must request a meeting at which the department chair (or the program director), the instructor, and the student are present. The student must make this request to the department chair (or program director) by the fifth Wednesday of the semester following issuance of the grade in question (excluding summer terms). The student shall be given the opportunity to explain his/her position and present relevant documentation to the department chair (or program director). The department chair (or program director) shall prepare a written

summary of the issues, his/her findings of fact, and a proposed resolution to be presented to the student and the instructor. If the proposed resolution of the chair or director is not satisfactory to the student, he/she may appeal in writing to the dean or associate/assistant dean, who will refer the appeal to the Academic Integrity and Appeals Committee. All appeals must be delivered to the college office within ten (10) working days of presentation of the proposed resolution to the student and instructor. Absent a timely appeal by the student, the proposed resolution of the chair or director becomes final. Upon receipt of the appeal the committee shall invite the instructor to submit a written response to the appeal. The committee will decide whether a hearing is or is not necessary. Written details pertaining to the hearing process are available in the college office.

### Credit/No Credit Regulations

Arts and Sciences students may take a maximum of 12 hours of coursework on a credit/no credit basis as provided by the general academic regulations of the University. Courses that students elect to take on a credit/no credit basis may be counted toward the fulfillment of the total 124 hours required for graduation and the requirement of 40 upper-division hours, but may not be counted toward other college requirements. Courses offered on only a credit/no credit basis are not included in the 12-hour maximum nor excluded from counting toward a college requirement.

### Probation and Suspension

Arts and Sciences students are governed by the University policies regarding probation, suspension and satisfactory progress found in the academic regulations section of this catalog. Additional probationary conditions may be imposed by the dean.

### Transfer of Non-Drake Credits

The following govern the applicability toward the Bachelor of Arts or Bachelor of Science degree of credit hours earned other than at Drake University:

1. The College of Arts and Sciences complies with all Drake University regulations relating to transfer of college credits.
2. A maximum of 94 hours of transfer credit may be applied to the Bachelor of Arts or Bachelor of Science degree.
3. The Drake College of Arts and Sciences accepts up to 66 credit hours of transfer credit applicable to the Associate of Arts degree from a regionally accredited community or two-year college as any part of the first 94 credit hours toward a bachelor's degree. All transfer students must successfully complete their last 30 credit hours in residence at Drake to satisfy degree requirements.
4. Credit earned by examination may not be counted as Drake credit toward fulfillment of the requirement that the last 30 credit hours of a student's program be completed in residence courses on Drake's campus.
5. To ensure transfer of credit, students planning to pursue a program at a university or college overseas must consult their advisers regarding the course of study they will follow. The completed program must be signed by the adviser and the associate/assistant dean of the college. Copies of the program must be filed with the dean and the overseas study adviser.

### Student Responsibility

Each student must be familiar with the academic regulations of the college and is responsible for completing all requirements for graduation.

## Withdrawal Policy

The College of Arts and Sciences follows the withdrawal policy outlined in the front section of the catalog under the heading [Curricula Modification \(https://catalog.drake.edu/\)](https://catalog.drake.edu/). Ordinarily the college permits no exceptions to the official University withdrawal policy. However, under extraordinary circumstances a student may, with adviser concurrence, petition the dean for permission to withdraw late from a course.

## Academic Advising

The goal of academic advising in the College of Arts and Sciences is to provide an ongoing and dynamic relationship between each student and adviser to facilitate the student's adjustment to and development within the academic environment.

Upon matriculating, each student is assigned a faculty adviser related to the student's areas of interest. Students and advisers work together to develop a program that challenges the student to build upon strengths and overcome deficiencies while meeting educational and professional goals.

The faculty recognize that new interests develop rapidly during the first and sophomore years and that changes of intent are common. Students should consult their advisers frequently as they shape their educational goals.

Transfer students are particularly encouraged to review the evaluation of credit transferred to Drake University and to seek an explanation of how that work is distributed among the requirements of the College of Arts and Sciences. Transfer students are assigned faculty advisers who work closely in planning the completion of degree programs.

Students enrolled on a part-time basis as degree candidates, either as first-year students or transfers, also are assigned faculty advisers. Part-time students are especially urged to see their academic advisers to make long-range plans for their academic programs.

Adviser assignments are usually made by the Office of the Dean. Students may request a specific faculty member or may request a change of advisers. All inquiries regarding evaluation of credit, distribution of credit hours, adviser assignments and changes should be initially directed to the Office of the Dean.

## Additional School of Fine Arts Academic Regulations

The following regulations must be observed by students enrolled in the Drake University School of Fine Arts:

1. Students are assigned faculty advisers who guide them in their program selection. However, the student alone is ultimately held responsible for the selection of the proper course in the proper sequence to fit the selected degree program.
2. A fine arts student may take a maximum of 12 hours of work on a credit-no credit basis. For details, see the Credit-No Credit Program.
3. Thirty hours of credit by examination may be applied toward degrees in the School of Fine Arts. These credits may be for any University course within the fine arts degree program except for major area courses, defined as art for the art major, music for the music major or theatre arts for the theatre arts major. The final 30 hours of any degree must be in coursework completed at Drake University.

## Graduation Requirements

### Bachelor of Arts (B.A.) and Bachelor of Science (B.S.)

#### General Requirements

Candidates for the Bachelor of Arts and Bachelor of Science degrees must meet all college and University requirements for graduation. Candidates for graduation must:

1. Complete a minimum of 124 credit hours, at least 40 of which must be earned in courses numbered 100 and above
2. Complete a major offered in the College of Arts and Sciences
3. Complete the Drake Curriculum general education requirements
4. Complete their last 30 credit hours in residence at Drake University (except in the case of certain combined degree programs)
5. Have at least a 2.00 cumulative GPA overall, in their major, in their minor and in related areas combined.

#### Major Field

As part of the 124 credit hours required for graduation, all students in the College of Arts and Sciences must establish academic competence in a major field. Through this mastery of a core of courses in a single discipline or in closely related disciplines, Arts and Sciences graduates achieve the depth of knowledge that is characteristic of educated persons.

It is possible to satisfy the requirements for more than one major. With early and careful planning, students may complete double majors within the 124-credit hour program. Students who anticipate a double major should consult with the Office of the Dean.

A major should be chosen in consultation with an adviser after alternatives have been carefully weighed. While premature specialization is unwise, a major should ordinarily be selected by the end of the sophomore year. It is important that students seeking teaching certification declare their majors early to facilitate program planning. The list of offered majors is published above in "Areas of Study."

The following majors are offered: acting; anthropology and sociology; art history; applied music; astronomy; biochemistry, cell and molecular biology (BCMB); biology; chemistry; computer science; directing; drawing; English; environmental policy; environmental science; graphic design; history; international relations; law, politics and society; mathematics; mathematics education (secondary); music; music business; music education; musical theatre; neuroscience; painting; philosophy; physics; politics; printmaking; psychology; religion; rhetoric and communication studies; sculpture; sociology; study of culture and society; theatre arts; theatre design; theatre education; and writing.

Students whose goals lie outside the areas listed above may seek faculty approval to pursue a combination of existing courses as an individualized major.

Students may pursue majors in more than one discipline or area, and, where permissible, may apply particular courses toward majors in more than one discipline or area. For each major, the respective department determines whether its requirements have been fulfilled.



The department from which a transfer student seeks certification as a major may, after examining the student's credentials, require the completion of a certain number of courses to fulfill the major regardless of the amount of work in a discipline or related areas the student has completed elsewhere.

### **Special Requirements for a Bachelor of Science (B.S.) Degree**

A student may pursue a Bachelor of Science degree in the College of Arts and Sciences in the Division of Natural Science, Humanities or Social Sciences.

1. Requirements for majors offered in the Division of Natural Science:
  1. A major in a natural science, as determined by the appropriate department.
  2. Twelve credit hours in natural science courses other than in the major area.
  3. One course in a natural science requiring a laboratory.
  4. Course(s) in either statistics or computer science (minimum of 3 credits).
  5. Additional requirements as stipulated by particular departments.
2. Requirements for majors offered in the divisions of Humanities or Social Sciences:
  1. A major in a discipline other than a natural science, as determined by the appropriate department.
  2. A minor in a natural science, as designated by the appropriate minor department.
  3. One course in a natural science requiring a laboratory.
  4. Course(s) in either statistics or computer science (minimum of 3 credits).
3. In addition to A or B above, all students pursuing Bachelor of Science degrees in the College of Arts and Sciences must complete all Drake Curriculum requirements.

### **Additional School of Fine Arts Graduation Requirements**

Candidates for the Bachelor of Arts degree within the School of Fine Arts must satisfy the Drake Curriculum requirements of the College of Arts and Sciences. Each department within the School of Fine Arts has established its own graduation requirements for professional degree candidates. A description of those requirements may be found under the individual departmental listings.

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# College of Business and Public Administration

The Drake University College of Business and Public Administration provides a four-year undergraduate program leading to the Bachelor of Science in Business Administration (B.S.B.A.) The graduate programs lead to the Master of Business Administration (M.B.A.), Master of Accounting (M.Acc.), Master of Public Administration (M.P.A) and Master of Financial Management (M.F.M).

## College Vision Statement

The CBPA will offer premier programs that develop future leaders with exceptional analytical and data-driven skills. We will partner with the central Iowa public and private sectors in developing and promoting excellence in our community.

## College Mission Statement

The CBPA prepares our learners for immediate and enduring success in an increasingly technological, data-driven, and global environment. With a mix of academically and professionally qualified faculty, we connect theory and practice by bringing the world into the classroom and the classroom into the world.

## Our Promise:

Our graduates will have the skills and experience to thrive in a complex, diverse, and evolving world. They will be:

- Proficient in their fields
- Data-driven, strategic problem solvers
- Effective communicators
- Ethical stewards
- Global and multicultural citizens

## Independent Study

Each department in the College of Business and Public Administration, as faculty time permits, offers independent study according to the needs and interest of its students. These courses are open to students with the consent of the instructor and associate dean. They provide opportunities for directed or independent study and research in selected topics.

To be eligible for independent study, a student must have completed at least 57 credit hours with a cumulative GPA of 2.75 or higher for all work at Drake and a cumulative GPA of 2.75 or higher for all business/economics work completed at Drake. Independent study may be used to earn up to 12 hours of credit toward a degree in business administration.

Areas of Study

Academic Regulations

Graduation Requirements

Faculty

## Areas of Study

### Majors

In the undergraduate program, students study a prescribed core of courses and a selected major in one of the following areas of study:

In the undergraduate program, students study a prescribed core of courses and a selected major in one of the following areas of study:

- Accounting
- Actuarial Science
- Business-Law 3+3
- Business Studies
- Data Analytics
- Economics
- Entrepreneurial Management
- Finance
- Information Systems
- International Business
- Management and Organizational Leadership
- Marketing
- Quantitative Economics

### Minors

- Accounting
- Actuarial Science
- Business Studies
- Data Analytics
- Economics
- Entrepreneurship
- Information Systems
- Law and Business
- Management
- Marketing
- Risk Management and Insurance

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## Accounting

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here.

### Program Options

- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Accounting
- Bachelor of Science in Business Administration (B.S.B.A.) with a joint major in Accounting and Finance
- Accounting Minor (available to all Drake students)

School of Accounting web site (<http://www.drake.edu/accounting/>)

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### Program Overview

The School of Accounting provides an education in accounting and business law that prepares graduates to assume entry-level positions in public, private, governmental, and not-for-profit accounting. Its program establishes a foundation for future growth and development for the accounting student. Students learn how to develop, analyze, interpret and present business data and information that enable effective business decision-making. The curriculum prepares graduates to sit for professional examinations in accounting that lead to such designations as Certified Public Accountant (CPA), Certified Management Accountant (CMA), and Certified Internal Auditor (CIA). Finally, the accounting major is excellent preparation for law school and a legal career.

Graduates are prepared to assume responsibilities in a wide range of professional positions and in diverse employment situations. For example, positions are available for graduates as auditors, tax and business and consultants in public accounting; cost control, budgeting, internal auditing, financial reporting and tax planning in both industry and the not-for-profit sector; and as auditors and financial managers in the public sector.

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### Accounting Major Requirements

The School of Accounting awards both graduate and undergraduate degrees in accounting. The undergraduate degree, a Bachelor of Science in Business Administration (B.S.B.A.), requires 124 semester hours and is typically completed in four years on a full-time basis. A student may pursue either the accounting major itself or a joint major in accounting and finance.

The accounting major requires completion of 24 credit hours of accounting courses, beyond introductory accounting (ACCT 041 and 042). The graduate degree in accounting, Master of Accounting (MAcc), requires an additional 30 hours of graduate study beyond the B.S.B.A. degree and is typically completed in one year. However, with careful planning, both the bachelor's and master's degrees can be completed in as little as four and one-half years. A student may choose to earn the B.S.B.A. degree or both the B.S.B.A. and MAcc degrees depending upon his/her career interests.

Almost all of the 54 jurisdictions in the United States that confer the CPA certificate require 150 hours of collegiate study comprising an accounting major for certification or licensure. Drake's MAcc degree provides the additional study in accounting, business law, and related subjects necessary to earn the CPA designation in those jurisdictions requiring 150 hours of study. Details of the MAcc are available in Drake's Graduate Catalog.

The accounting major is integrated with courses in the liberal arts and in other business disciplines throughout both the B.S.B.A. and MAcc programs. From the first year through the fourth or fifth year of study, each student is involved in the major through a minimum of two accounting and/or business law courses per academic year. This integrated curriculum of accounting, business law, liberal arts and business provides the educational foundation needed for a successful professional career and success in completing the professional certification examinations.

To graduate with an undergraduate accounting major, a student must maintain a cumulative GPA of 2.00 for all Drake University work attempted, a cumulative GPA of 2.00 for all courses taken in the College of Business and Public Administration that carry a number of 100 and above, and a cumulative grade-point average of 2.00 or above for all 100-level accounting courses required to complete the major.

<b>Course</b>	<b>Credit Hours</b>
<b>Business Core Courses</b>	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3
<b>Accounting Major Courses</b>	
ACCT 105 - Accounting Information Systems	3
ACCT 110 - Managerial Accounting	3
ACCT 120 - Advanced Managerial Accounting	3
ACCT 165 - Financial Accounting I	3
ACCT 166 - Financial Accounting II	3
ACCT 175 - Auditing Principles	3
ACCT 185 - Individual Taxation	3

ECON 010 - Principles of Macroeconomics	3
Select two of the following. At least one must be an ACCT course.	
ACCT 167 - Advanced Financial Accounting	3
ACCT 186 - Business Entity Taxation	3
BLAW 120 - Business Law II	3
BLAW 180 - Business Organizations	3
IS 114 - Advanced IT Applications for Business	3
IS 160 - Database Management	3
<b>TOTAL</b>	<b>78</b>

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## Requirements for Joint Majors

The purpose of the joint major in accounting and finance is to provide the opportunity for students to complete an in-depth study of both accounting and finance within the 124 credits needed to obtain an undergraduate degree. This is not possible if the student pursues a double major in accounting and finance. The accounting joint major requires completion of 18 credit hours of accounting courses, beyond introductory accounting, along with additional credit hours in finance.

Unlike a double major, a joint major is a single major that incorporates coursework in both accounting and finance. At the completion of the joint accounting major, a student meets the education requirement to sit for the Certified Management Accountant (CMA), and Certified Internal Auditor (CIA) examinations.

The joint major enables graduates to seek accounting positions in industry, government and the not-for-profit sector. In addition, it provides students who are not interested in accounting as a career, a strong foundation in financial reporting, cost accounting, taxation, and the auditing of operations. The joint accounting major still provides the undergraduate student with the accounting courses needed to enter the Master of Accounting degree program, if a student should decide later to pursue CPA professional certification.

A joint accounting-finance major requires:

<b>Course</b>	<b>Credit Hours</b>
<b>Business Core Courses</b>	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2

ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3
Accounting Courses Required for Accounting - Finance Joint Major	
ACCT 105 - Accounting Information Systems	3
ACCT 110 - Managerial Accounting	3
ACCT 165 - Financial Accounting I	3
ACCT 166 - Financial Accounting II	3
ACCT 175 - Auditing Principles	3
ACCT 185 - Individual Taxation	3
Finance Courses Required for Accounting - Finance Joint Major	
ECON 010 - Principles of Macroeconomics	3
FIN 102 - Advanced Corporate Finance	3
FIN 119 - Financial Institutions, Instruments and Markets	3
FIN 121 – Introduction to Derivatives	3
FIN 170 - International Finance	3
FIN 193 - Portfolio Analysis	3
FIN 197 -Seminar in Finance	3
TOTAL	87

Joint majors must achieve a cumulative GPA of 2.00 or higher for the courses above.

### Accounting Minor Requirements

The minor in accounting introduces students to the foundational financial and managerial accounting concepts to enable them to interpret financial data and make better decisions. The minor will give students the information needed to understand the financial position and results of operations of their employer, how their role in the company impacts the financial results, and enable them to make better personal financial decisions.

Course	Credits
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 – Introduction to Managerial Accounting	3
IS 044 - Microsoft Office Tools for Business Analysis	2
ACCT 105 - Accounting Information Systems	3

<b>Course</b>	<b>Credits</b>
ACCT 110 - Managerial Accounting	3
ACCT 165 - Financial Accounting I	3
ACCT 166 - Financial Accounting II	3
ACCT 185 – Individual Taxation	3
TOTAL	23

A GPA of 2.00 or above must be achieved in the courses in the minor to complete the minor.



## Actuarial Science

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here. ([catalog.drake.edu](http://catalog.drake.edu))

### Program Options

- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Actuarial Science
- Bachelor of Science in Business Administration (B.S.B.A.) with a joint major in Actuarial Science/Finance
- Actuarial Science Minor (available to all Drake Students)

Actuarial Science and Risk Management department web site (<http://www.drake.edu/actsci/>)

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### Program Overview

The actuarial science program strives to provide high-quality undergraduate-level preparation for students planning careers in the actuarial profession. Students will be thoroughly grounded in the technical skills required for actuarial work and will also be prepared to be business leaders in the financial services industry.

Graduates of the program should clearly meet the entry-level expectations of the leading insurance companies and consulting firms. As such, they should be prepared to be successful on the early professional examinations of the Society of Actuaries and the Casualty Actuarial Society. In addition, they should understand the manner in which this knowledge relates to the business of insurance and be able to solve less structured problems and coherently present their solutions.

The available courses prepare students for the first six examinations of the Society of Actuaries and the first four of the six exams of the Casualty Actuarial Society. These courses also enable students to obtain credit for the three 'Validation by Educational Experience' subjects. Students typically are ready to take their first examination after two or three semesters and their second exam after three or four semesters.

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### Actuarial Science Major Requirements

Course	Credits
Business Core Courses	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
ACTS 131 - Introduction to Probability I	3

ACTS 131L - Introduction to Probability I Lab	0.5
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
Non-Business Courses	
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 100 - Calculus III	3
Actuarial Science Major Courses	
ACTS 050 - Introduction to Actuarial Science	0
ACTS 120 - Theory of Interest	3
ACTS 120L - Theory of Interest Lab	0.5
ACTS 121 - Introduction to Derivatives	3
ACTS 135 - Mathematical Statistics	3
ACTS 150 - Life Insurance Mathematics I	3
ACTS 155 - Life Insurance Mathematics II, or ACTS 165 - Short-Term Actuarial Science II, or STAT 172 - Data Mining/General Linear Models	3
ACTS 161 - Short-Term Actuarial Math I	3
ACTS 190 - Actuarial Science Capstone	3
ECON 010 - Principles of Macroeconomics	3
FIN 102 - Advanced Corporate Finance	3
STAT 040 - Introduction to R and SAS	3
STAT 170 - Statistical Modeling and Data Analysis II	3
TOTAL	85

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## Actuarial Science Joint Major Requirements

## Actuarial Science/Finance Joint Major Requirements

The joint major in actuarial science and finance provides students with an opportunity to study two subjects that require strong quantitative and analytical reasoning skills. Skill sets in finance complement actuarial science and vice versa.

The joint major prepares students for career opportunities in many facets of financial services, including insurance, banking, personal financial planning, portfolio management, and more.

For students planning to complete professional actuarial examinations, the finance courses cover several topics that appear on the advanced examinations.

<b>Course</b>	<b>Credits</b>
<b>Business Core Courses</b>	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
ACTS 131 - Introduction to Probability I	3
ACTS 131L - Introduction to Probability I Lab	0.5
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
<b>Actuarial Science Courses Required for Actuarial Science - Finance Joint Major</b>	
ACTS 120 - Theory of Interest	3
ACTS 120L - Theory of Interest Lab	0.5
ACTS 121 - Introduction to Derivatives	3
ACTS 131 - Introduction to Probability I	3
ACTS 131L - Introduction to Probability I Lab	0.5
ACTS 135 - Mathematical Statistics	3
ACTS 150 - Life Insurance Mathematics I	3
ACTS 161 - Short-Term Actuarial Math I	3
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3

MATH 100 - Calculus III	3
STAT 040 - Introduction to R and SAS	3
STAT 170 - Statistical Modeling and Data Analysis II	3
Finance Courses Required for Actuarial Science - Finance Joint Major	
ECON 010 - Principles of Macroeconomics	3
FIN 102 - Advanced Corporate Finance	3
FIN 129 - Financial Management Institutions	3
FIN 170 - International Finance	3
FIN 193 - Portfolio Analysis	3
FIN 197 -Seminar in Finance	3
<b>TOTAL</b>	<b>94.5</b>

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### **Actuarial Science Minor Requirements**

The minor in actuarial science allows students to apply solid quantitative skills in completing a few of the introductory actuarial science courses without making a full commitment to the major. The requirements for the minor include:

<b>Course</b>	<b>Credits</b>
MATH 050 – Calculus I	3
MATH 070 – Calculus II	3
MATH 100 – Calculus III	3
ACTS 120 – Theory of Interest	3
ACTS 120L - Theory of Interest Lab	0.5
ACTS 131 – Introduction to Probability I	3
ACTS 131L – Introduction to Probability I Lab	0.5
ACTS 121 – Introduction to Derivatives, or	3
ACTS 161- Short-Term Actuarial Math I	
ACTS 135 – Mathematical Statistics, or	3
ACTS 150 – Life Insurance Mathematics I	
<b>TOTAL</b>	<b>22</b>

## Law and Business

The information on this page pertains to students who were admitted to Drake during the 2020-2021 academic year or were admitted to Drake prior to the 2020-2021 academic year and declared a change to the 2020-2021 catalog requirements. (catalog.drake.edu)

### Options

Business-Law 3+3 Program

Law and Business Minor

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### Business/Law 3+3 Program

With the Business/Law 3+3 program, students must satisfy all College of Business and Public Administration major requirements in their first three years with the exception of the 124 hour graduation requirement. Students save their elective hours to use in the first year of law school and may choose any major within the college as their undergraduate major.

All business majors are required to take at least one course in business law, with an option to take more.

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### Requirements for a Minor in Law and Business

Students can earn a concentration in business law, strengthening their preparation and credentials for law school. If accepted into Drake University Law School, students should finish the 124 hour graduation requirement for their undergraduate degree during the first year of law school.

Course	Credits
ACCT 041 - Intro to Financial Accounting, or FIN 095 - Managing Individual Finances	3
BLAW 060 - Business Law I	3
BLAW 120 - Business Law II	3
BLAW 180 - Legal Issues in Business Organizations	3

Choose two of the following

ACCT 185 - Individual Taxation	3
ACCT 186 - Business Entity Taxation	3
BLAW 190 - Legal Topics/Current Interest	3
BUS 090 - Intro to Business Ethics	3
ECON 120 - Regulation & Anti-Trust Policy	3
INS 051 - Personal Risk Management	3
INS 141 - Business Risk Management	3
JMC 104 - Communications Law and Ethics	3
LIBR 099 – Copyright Issues in the U.S.	3
PHIL 090 - Ethics	3
POLS 190 - Seminar in Constitutional Law	3
Or equivalent course as approved by Department	

## Business Studies

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Business Studies
- Business Studies minor (available only to non-business students)

Business Studies web site (<https://www.drake.edu/businessstudies/>)

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### Program Overview

The curriculum is designed to prepare an individual for a variety of entry-level positions in business, to provide a strong foundation for graduate study in business or one of the business disciplines, to serve as a pre-law major that facilitates the 3 + 3 program with the law school, to accommodate some transfer students who have difficulty completing a full major in a business discipline because of self-imposed constraints, and to provide a strong second major for Economics majors and non-business majors.

While the other majors in the College of Business and Public Administration provide advanced, in-depth study of at least 18 hours in a single discipline, the business studies major provides some advanced study in at least four different business disciplines. Because there are no required courses in the major, it provides students with the opportunity to create a major that best fits their capabilities and interests.

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### Business Studies Major Requirements

In addition to the required curriculum that must be taken by all students in the College of Business and Public Administration, the business studies major requires a total of 24 hours and the following requirements:

Course	Credits
Business Core Courses	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3

BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3
Select 15 credits from ACCT, ACTS, ENTR, FIN, IS, MGMT, or MKTG (beyond the core). No more than nine credits may be taken from a single discipline.	
Select 9 credits from ACCT, ACTS, BLAW, BUS, ECON, FIN, INS, IS, MGMT, ENTR, MKTG, or STAT (beyond the core)	
<b>TOTAL</b>	<b>72</b>

- No more than nine hours may be taken in any single discipline.
- 21 of the 24 hours must be taken in 100 level courses. The list of courses should be selected to meet the individual student's needs and must be approved by the student's adviser.
- A student pursuing this major may not pursue another major in the College of Business and Public Administration with the exception of Economics

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## Business Studies Minor Requirements

One of the most important mission objectives of the College's undergraduate business curriculum is to prepare students for entry into careers in business and to enhance their prospects for employment. Thus, the College offers the opportunity for students earning a degree other than a business degree to receive a minor in Business Studies. The minor in Business Studies introduces students to most fields of business and provides them with additional flexibility in meeting their employment and career goals.

Course	Credits
ACCT 041 - Introduction to Financial Accounting	3
ECON 002 - Principles of Microeconomics	3



ECON 010 - Principles of Macroeconomics	3
FIN 095 - Managing Individual Finances	3
IS 044 - Microsoft Office Tools for Business Analysis	2
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MKTG 101 - Marketing Principles	3
One additional elective course offered by the College of Business and Public Administration (cannot be STAT 060)	3
TOTAL	26

A GPA of 2.00 or above must be achieved in the courses in the minor to complete the minor.

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## Data Analytics

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here.

### Program Options

- Bachelor of Science in Business Administration (B.S.B.A) with a major in Data Analytics, offered by the College of Business and Public Administration
- Bachelor of Science (B.S.) with a major in Data Analytics, offered by the College of Arts and Sciences
- Data Analytics minor

Data Analytics web site (<https://www.drake.edu/cbpa/programs/analytics/>)

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### Program Overview

Data Analytics is a joint program of the College of Business and Public Administration and the College of Arts and Sciences designed to develop analysts who can work with data to uncover practical insights and support sound and ethical decision-making. The foundation of the program is a core of computer science and statistics classes that build problem-solving skills.

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### Data Analytics Major Requirements

The requirements below apply to the B.S.B.A. Data Analytics major within the College of Business and Public Administration. See the Arts & Sciences section for the requirements for the Bachelor of Science (B.S.) Data Analytics major within the College of Arts and Sciences.

<b>Course</b>	<b>Credits</b>
Business Core Courses	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MGMT 110 - Organizational Behavior	3

MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
STAT 071 - Statistics I, or ACTS 131 - Introduction to Probability I	3
STAT 072 - Statistics II, or ACTS 135 - Mathematical Statistics, or STAT 130 - Probability for Analytics	3
<b>Data Analytics Major Courses</b>	
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 083 - Computer Ethics	3
CS 167 - Machine Learning	3
CS 178 - Cloud Computing and Database Systems	3
IS 160 - Database Management	3
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH/STAT 130 - Probability for Analytics, or ACTS/STAT 131 – Introduction to Probability + lab	3.5
STAT 040 - Introduction to R and SAS	3
STAT 170 – Statistical Modeling and Data Analysis II	3
STAT 172 –Generalized Linear Models and Data Mining	3
STAT/CS 190 – Capstone: Case Studies in Data Analytics and Big Data	3
<b>TOTAL</b>	<b>89</b>

### **Data Analytics Minor Requirements**

The Data Analytics minor is available for all undergraduate students who meet the following course requirements.

Course	Credits
CS 065 - Introduction to Computer Science I	3
CS 167 - Machine Learning	3
IS 044 - Microsoft Office for Business Analytics	2
IS 160 - Database Management	3
STAT 040 - Introduction to R and SAS	3
STAT 071 - Statistics I, or ACTS 131 - Introduction to Probability I and Lab	3
STAT 072 - Statistics II, or ACTS 135 - Mathematical Statistics	3
<b>TOTAL</b>	<b>20</b>

## Economics

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here.

### Program Options

- Bachelor of Arts (B.A.) with a major in Economics - offered by the College of Arts & Sciences
- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Economics
- Economics minor

Economics department web site ([www.drake.edu/economics](http://www.drake.edu/economics))

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### Program Overview

The economics program offers the opportunity to study prices, markets, and incentives (microeconomics) and economic growth and business cycles (macroeconomics).

The economics major provides preparation both for students planning to begin their careers directly after Drake and for students planning to attend professional or graduate school. The B.S.B.A program prepares students well for the job market. Both the B.A. and the B.S.B.A. programs prepare students well for professional study in law, business, or public administration because economics is an important analytical tool used in these professions. Students interested in graduate study in economics or a closely related field (finance, public policy, international relations) will need more math and statistics than the regular economics major provides and should consider the quantitative economics major.

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### Economics Major Requirements - Bachelor of Arts

The economics major requires 30 credits of economics, 3 credits of mathematics, and 6 credits of statistics. All students must complete the following in addition to fulfilling the requirements of the Drake Curriculum.

Course	Credits
ECON 002 - Principles of Microeconomics	3
ECON 010 - Principles of Macroeconomics	3
ECON 170 - Introduction to Econometrics	3
ECON 173 - Intermediate Microeconomic Analysis	3
ECON 174 - Intermediate Macroeconomic Analysis	3
ECON 190 - Seminar in Economics	3
Four additional economics courses numbered 100 or above	12
MATH 028 - Business Calculus, or	3
MATH 050 - Calculus I	3
STAT 071 - Statistics I	3
STAT 072 - Statistics II	3

Nine additional credits outside of the CBPA	9
<b>TOTAL</b>	<b>45</b>

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### **Economics Major Requirements - Bachelor of Science in Business Administration**

The Bachelor of Science in Business Administration additionally requires that students complete the Business Core courses (note that there is some overlap with the major).

Course	Credits
<b>Business Core Courses</b>	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3
<b>Economics Major Courses</b>	
ECON 002 - Principles of Microeconomics	3
ECON 010 - Principles of Macroeconomics	3
ECON 170 - Introduction to Econometrics	3
ECON 173 - Intermediate Microeconomic Analysis	3
ECON 174 - Intermediate Macroeconomic Analysis	3
ECON 190 - Seminar in Economics	3
Four additional economics courses numbered 100 or above	12
MATH 028 - Business Calculus, or MATH 050 - Calculus I	3
MATH 050 - Calculus I	3
Nine additional credits outside of the CBPA	9

### **Economics Minor Requirements**

The economics minor is available to all Drake students. The economics minor requires 18 credits of economics and 3 credits of mathematics.

Candidates for the minor in economics must complete the following courses:

Course	Credits
ECON 002 - Principles of Microeconomics	3
ECON 010 - Principles of Macroeconomics	3
ECON 173 - Intermediate Microeconomic Analysis, or	3
ECON 174 - Intermediate Macroeconomic Analysis	3
Three additional ECON courses numbered 100 or higher	12
MATH 028 - Business Calculus, or	3
MATH 050 - Calculus I	3
<b>TOTAL</b>	<b>24-25</b>

It is recommended that candidates for the minor complete both ECON 173 and ECON 174. The second course counts toward the three additional 100-level courses.

### **Entrepreneurial Management**

*The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here: www.drake.edu/catalog/](http://www.drake.edu/catalog/).*

## **Program Options**

- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Entrepreneurial Management
- Entrepreneurship minor (available only to non-business students)

Entrepreneurial Management department web site ([www.drake.edu/eship](http://www.drake.edu/eship))

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## **Program Overview**

The entrepreneurial management major is designed for students who are interested in concepts related to starting and growing a business. Additionally, when combined with another business major, this major will help a student develop an entrepreneurial perspective relevant to any field. Students learn the process for new product or service concept generation, feasibility analysis and implementation as well as gain understanding in the leadership and management qualities of entrepreneurs.

The entrepreneurship minor is designed for students who are not business students but have an interest in entrepreneurship. The minor addresses the role of entrepreneurship in the current economy, the nature of entrepreneurial organizations, and the demands and rewards of life as an entrepreneur. The minor will be beneficial for students who wish to further their entrepreneurial knowledge and skills as well as develop skills should they wish to pursue an entrepreneurial endeavor.

## **Entrepreneurial Management Major Requirements**

Course	Credits
Business Core Courses	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3

MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3
<b>Entrepreneurial Management Major Courses</b>	
ENTR 001 - Profiles in Entrepreneurship	1
ENTR 101 – Introduction to Entrepreneurship	3
ENTR 150 - The Business Model	3
ENTR 190 - Creating a Company	3
MGMT 160 - Planning and Control of Operations	3
Management Elective - Select one MGMT course numbered 100 or higher, excluding MGMT 110 and MGMT 120.	3
Marketing Elective - Select one MKTG course numbered 100 or higher, excluding MKTG 101.	3
Six credits selected in consultation with your advisor and approved by the entrepreneurship faculty. These will be a combination of courses, internship credit, or study-abroad.	6
<b>TOTAL</b>	<b>73</b>

### **Entrepreneurship Minor Requirements**

Course	Credits
ACCT 041 - Introduction to Accounting	3
ENTR 001 - Profiles in Entrepreneurship	1
ENTR 101 – Introduction to Entrepreneurship	3
ENTR 150 - The Business Model	3
ENTR 190 - Creating a Company	3
Six credits selected in consultation with your advisor and approved by the entrepreneurship faculty. These will be a combination of courses, internship credit, or study-abroad.	6
<b>TOTAL</b>	<b>19</b>

### **Entrepreneurship Minor Requirements**



Course	Credits
ACCT 041 - Introduction to Accounting	3
ENTR 001 - Profiles in Entrepreneurship	1
ENTR 101 – Introduction to Entrepreneurship	3
ENTR 150 - The Business Model	3
ENTR 190 - Creating a Company	3
Six credits selected in consultation with your advisor and approved by the entrepreneurship faculty. These will be a combination of courses, internship credit, or study-abroad.	6
<b>TOTAL</b>	<b>19</b>

## **Finance**

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

## Program Options

- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Finance
- Finance Joint Major
- Finance Minor

Finance department web site ([www.drake.edu/finance](http://www.drake.edu/finance))

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## Program Overview

The finance major prepares students for careers in business and/or postgraduate work by educating them in the fundamental principles and practical applications of modern financial analysis. The finance curriculum is designed to provide students with knowledge of the major concepts and practices of financial management, while at the same time helping to develop their analytical, decision-making and communication abilities.

The curriculum allows our finance graduates to obtain skills that can be applied in the following areas, among others: capital budget analysis, personal financial planning, financial institutions management, corporate finance, and investment analysis and portfolio management. The program offers students a choice of electives in these areas. Graduates are prepared for advanced study in business or finance or to assume responsible, entry-level managerial positions in financial management business, government and not-for-profit entities. Furthermore, they possess an excellent foundation for future growth and career development.

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## Finance Major Requirements

All finance majors are required to complete the Drake University Curriculum and the College of Business and Public Administration's core requirements. In addition, they must complete the following basic core courses in the finance major:

Course	Credits
Business Core Courses	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2

IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3
Finance Major Courses	
ECON 010 - Principles of Macroeconomics	3
FIN 102 - Advanced Corporate Finance	3
FIN 119 - Financial Institutions, Instruments and Markets	3
FIN 121 - Introduction to Derivatives	3
FIN 170 - International Finance	3
FIN 193 - Portfolio Analysis	3
FIN 197 - Seminar in Finance	3
Select at least nine credits from the following courses:	
Capital Budgeting Analyst Related Courses	
ACCT 110 - Managerial Accounting	3
ACCT 120 - Advanced Managerial Accounting	3
ACCT 125 - Cost Management Systems	3
ACCT 175 - Auditing Principles	3
ECON 173 - Intermediate Microeconomic Analysis	3
Investment Analysis/Portfolio Management Related Courses	
ACCT 165 - Financial Accounting I	3
ACCT 166 - Financial Accounting II	3
ACCT 167 - Financial Accounting III	3
ECON 130 - International Economics	3
ECON 174 - Intermediate Macroeconomic Analysis	3
FIN 190 - Equity Valuation and Analysis	3
Personal Financial Planning Related Courses	
ACCT 185 - Individual Taxation	3
BLAW 120 - Business Law II	3
INS 051 - Personal Risk Management	3
INS 141 - Business Risk Management	3
INS 161 - Insurance Company Operations	3
Financial Institutions Management Related Courses	
FIN 129 - Financial Institutions Management	3
INS 141 - Business Risk Management	3

INS 161 - Insurance Company Operations	3
All Finance Related Occupations	
ECON 170 - Introduction to Econometrics	3
IS 107 - Programming and Application Development	3
IS 114 - Advanced IT Applications for Business	3
<b>TOTAL</b>	<b>77</b>

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Actuarial Science - Finance Joint Major Requirements

Course	Credits
<b>Business Core Courses</b>	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
<b>Actuarial Science Courses Required for Actuarial Science - Finance Joint Major</b>	
ACTS 120 - Theory of Interest	3
ACTS 120L - Theory of Interest Lab	0.5
ACTS 121 - Introduction to Derivatives	3
ACTS 131 - Introduction to Probability I	3
ACTS 131L - Introduction to Probability I Lab	0.5
ACTS 135 - Mathematical Statistics	3
ACTS 150 - Life Insurance Mathematics I	3
ACTS 161 - Short-Term Actuarial Math I	3
MATH 050 - Calculus I	3

MATH 070 - Calculus II	3
MATH 100 - Calculus III	3
STAT 040 - Introduction to R and SAS	3
STAT 170 - Statistical Modeling and Data Analysis II	3
Finance Courses Required for Actuarial Science - Finance Joint Major	
ECON 010 - Principles of Macroeconomics	3
FIN 102 - Advanced Corporate Finance	3
FIN 129 - Financial Management Institutions	3
FIN 170 - International Finance	3
FIN 193 - Portfolio Analysis	3
FIN 197 -Seminar in Finance	3
TOTAL	94.5

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Accounting - Finance Joint Major Requirements

Course	Credits
Business Core Courses	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
ACTS 131 - Introduction to Probability I, or	3
STAT 071 – Statistics I	
ACTS 135 – Mathematical Statistics, or	3
STAT 072 – Statistics II	
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 – Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3

Accounting Courses Required for Accounting-Finance Joint Major	
ACCT 105 - Accounting Information Systems	3
ACCT 110 - Managerial Accounting	3
ACCT 165 - Financial Accounting I	3
ACCT 166 - Financial Accounting II	3
ACCT 175 - Auditing Principles	3
ACCT 185 - Individual Taxation	3
Finance Courses Required for Accounting-Finance Joint Major	
ECON 010 - Principles of Macroeconomics	
FIN 102 - Advanced Corporate Finance	
FIN 119 - Financial Institutions, Instruments, and Markets	
FIN 121 – Introduction to Derivatives	
FIN 170 - International Finance	
FIN 193 - Portfolio Analysis	
FIN 197 -Seminar in Finance	

### Finance Minor Requirements

The finance minor is available only to students in the College of Business and Public Administration. The following courses are required:

Course	Credits
ECON 010 - Principles of Macroeconomics	3
FIN 102 - Advanced Corporate Finance	3
Select three of the following:	
FIN 119 - Financial Institutions, Instruments and Markets	3
FIN 190 - Equity Valuation and Analysis	3
FIN 193 - Portfolio Analysis	3
Finance Option	
FIN 102 - Advanced Corporate Finance	3
Select two courses from the following:	
FIN 119- Financial Institutions, Instruments and Markets	3
FIN 121/ACTS 121 - Introduction to Derivatives	3
FIN 129 - Financial Institutions Management	3
FIN 170 - International Finance	3
FIN 193- Portfolio Analysis	3
FIN 197 - Seminar in Finance	3

## **Information Systems**

*The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here: www.drake.edu/catalog/](http://www.drake.edu/catalog/).*

### **Program Options**

- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Information Systems
- Information Systems minor - available only to non-business students

## Program Overview

Information Systems (IS) is more than just computer programming; it is about meeting the needs of customers through the effective use of technology. Drake's IS program provides students with the technical skills that industry requires of its employees plus an understanding of how businesses work. This clearly differentiates the IS program from the purely technical orientation of a Computer Science major.

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## Information Systems Major Requirements

Course	Credits
<b>Business Core Courses</b>	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3
<b>Information Systems Major Courses</b>	
IS 107 - Programming and Application Development	3
IS 160 - Database Management	3
IS 161 - Information Systems Analysis and Design	3
Select three courses from the following	
IS 083 – Information Technology Law and Ethics	3
IS 114 - Advanced IT Applications for Business	3



IS 145 - Website Technology	3
IS 147 – Human Factors in Information Systems	3
IS 150 - Network Management	3
IS 172 - Exploring the Silicon Prairie	3
IS 198 - Current Information Systems Issues	3
BUS 191 - Internship in Business	1-3
Select three courses from the following	
Any ACCT course numbered 100 or higher	3
Any ACTS course numbered 100 or higher	3
Any FIN course numbered 100 or higher	3
INS 051, 141, or 161	3
Any MGMT course numbered 100 or higher, except MGMT 110 and MGMT 120	3
Any MKTG course numbered 100 or higher, except MKTG 101	3
STAT 040 or any STAT course numbered 100 or higher	3
ART 114 - Web Design	3
CS 065, CS 066, CS 083, or any CS course numbered 100 or higher	3
JMC 105 - Web Page Design	3
<b>TOTAL</b>	<b>74</b>

All candidates also must satisfy the requirements of the Drake Curriculum.

### **Information Systems Minor Requirements**

The minor in Information Systems is available only to non-business students.

Course	Credits
IS 075 - Information Technology and Business	3
IS 107 - Programming and Application Development	3
IS 160 - Database Management	3
IS 161 - Information Systems Analysis and Design	3
Select 12 credits from the following	
Choose one IS course numbered 100 or higher	3
ACCT 041 - Introduction to Financial Accounting, or ECON 002 - Principles of Microeconomics	3
BLAW 060 - Business Law I, or BUS 070 - Globalization	3

MKTG 101 - Marketing Principles, or MGMT 110 - Organizational Behavior	3
TOTAL	24

## International Business

*The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here: www.drake.edu/catalog/](http://www.drake.edu/catalog/).*

### Program Options

Bachelor of Science in Business Administration (B.S.B.A.) with a major in International Business

International Business department web site ([www.drake.edu/internationalbusiness](http://www.drake.edu/internationalbusiness))

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### Program Overview

The international business major prepares students for work in organizations whose owners, employees, customers and/or suppliers are not confined to the borders of one nation. Those who choose this major will learn about marketing goods and services around the world, global distribution networks, exchange rates and the different forms of ownership and financing that exist in non-U.S. countries. They will consider the dramatic impact of culture on the behavior of individuals in organizations and on the contracting and negotiating process of international trade. They will compare the business climate of developed and underdeveloped nations and learn how companies compete in a global business economy. International business students are exposed to ethical issues and the impact of business decisions on global ecology. The curriculum requires a strong foundation of language and culture, history, geography and political science along with the business core classes. International business students are required to include an international experience in their program.

The International business major is designed for students seeking specialized education to work in multinational corporations, global banks, international organizations, and government agencies. Such organizations include all forms of business; the departments of Commerce, State, and Treasury; international institutions such as the Export-Import Bank, World Bank and Overseas Investment Corporation; and several state and local agencies.

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### International Business Major Requirements

Course	Credits
Business Core Courses	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2

IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3
International Business Major Courses	
ECON 010 - Macroeconomics	3
MGMT 170 - International Management	3
POLS 065 - Comparative Politics, or POLS 075 - World Politics	3
SCSG 003 - World Regional Geography	3
Three additional elective courses chosen from	
ECON 130 - International Economics, or ECON 131 - China's Economy ECON 135 - Developing Economies	3
MKTG 170 - Global Marketing	3
FIN 170 - International Finance	3
WLC 148 - Intercultural Communication	3
Foreign Language Requirement - See next section	varies
International Experience Requirement - See next section	6
<b>TOTAL</b>	<b>75</b>

### Foreign Language Requirement

Students must demonstrate proficiency in a language other than their native tongue. Proficiency can be demonstrated by college credit or equivalent, including certification exam credit, for a language through the intermediate level (second year, college level). Non-English native speakers demonstrate foreign language proficiency implicitly by taking their classes in English while at Drake.

### International Experience Requirement

Each student in the International Business major is required to earn six credits of international experience through participation in J-term, summer term, semester abroad, or approved internship experience.

Credits earned in the international experience may be counted to fulfill other requirements. The internship options may be for credit or not for credit. International students satisfy this requirement by earning their degree at Drake.

## Management and Organizational Leadership

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

## Program Options

- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Management and Organizational Leadership
- Management Minor (available to all undergraduate students)

Management department web site ([www.drake.edu/management](http://www.drake.edu/management))

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## Program Overview

The Management and Organizational Leadership (MOL) major prepares students for the challenging task of both managing, and leading. Specifically, MOL students acquire skills in planning and budgeting, and in establishing a direction for the future; students learn how to recruit, hire and appropriately deploy human resources, and how to align human capital with strategic objectives; students gain competency in monitoring work processes and developing fair compensation strategies, and in motivating and inspiring others to go above and beyond expectations; finally, MOL students gain skills in instilling order and predictability in the workplace, and in leading change and ensuring long-term organizational sustainability.

Beyond these core managerial and leadership skills, MOL students gain specialized skills in an area of interest to them by pursuing one (or more) of the MOL major tracks. There are four tracks: Organizational Sustainability and Resiliency, Human Resource Management, Business Communication, and Non-Profit and Public Management. Importantly, our tracks are highly interdisciplinary in nature, drawing from within and without the Collage of Business and Public Administration. Further, coursework in the tracks is both academic, and experiential; this is important, because management and leadership skills are learned both through classroom instruction and via practical experience.

The Management and Organizational Leadership major prepares students to succeed in private, public and non-profit organizations. In addition, MOL students are exposed to the issues and challenges of managing and leading organizations in a global economy. Issues of diversity and inclusion, ethics in work organizations, and organizational sustainability are core to the MOL curriculum.

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## Management and Organizational Leadership Major Requirements

Course	Credits
Business Core Courses	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2

BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3
Management Major Courses	
MGMT 185 - Leading Teams and Organizations	3
MGMT 160 - Planning and Control of Operations	3
MGMT 170 - International Management	3
MGMT 182 - Human Resource Management	3
MGMT 184 - Leadership and Personal Development	3
PSY 001 - Introduction to Psychology (with lab)	4
Choose at least one track (9 credits)	9
Organizational Sustainability & Resiliency: Choose three: ACCT 110; MGMT 198; IS 160; IS 161; ENSS 108; ENSS 151; ENSS 154	
Human Resource Management: MGMT 186 (Required) Choose two: (MGMT 133 or PSY 135); ECON 115; TD 113; TD 114; PSY 133; PSY 183	
Business Communication Choose three: BUS 120; BUS 122; MKTG 106; JMC 055; JMC 059; JMC 105	
Non-Profit & Public Management MGMT 135 (required) Choose two: ACCT 110; ECON 109; (BUS 090 or PHIL 151); ENG 119; ENG 199; JMC 088; JMC 138	
<b>TOTAL</b>	<b>76</b>

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### Management Minor Requirements

Course	Credits
ACCT 041 – Intro to Financial Accounting	3

ECON 002 or ECON 010	3
IS 044 – Microsoft Office Tools	2
MGMT 110 and MGMT 120	6
Choose two of the following:	
MGMT 145 - Organizational Design and Development	3
MGMT 160 - Planning and Control of Operations	3
MGMT 170 - International Management	3
MGMT 182 - Human Resource Management	3
MGMT 184 - Leadership and Personal Development	3
Choose one of the following:	
ACTS 135, BIO 099, PSY 011, STAT 050, 060, 072, 170	3
<b>TOTAL</b>	<b>23</b>

The information in this catalog does not constitute a contract between the university and the student. The university reserves the right to make changes in curricula, admission policies and processes, tuition and financial aid, academic standards and guidelines, student services and any other regulations or policies set forth in this catalog without giving prior notice.

## **Marketing**

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

## Program Options

- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Marketing
- Marketing minor

Marketing department web site ([www.drake.edu/marketing](http://www.drake.edu/marketing))

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## Program Overview

The Marketing major provides both a theoretical understanding and a managerial/applied perspective regarding the principles of marketing and an understanding of marketing's interaction with other functional areas of the organization. Through the selection of marketing tracks, marketing majors receive a broad exposure to the diversity of marketing activities and an opportunity to tailor the program to their own interests. Marketing tracks are offered in integrated marketing communications, direct and interactive marketing, marketing management, marketing research and sales. Central to these ends, the courses develop an understanding of the vocabulary of marketing, the process of exchange and the role of relevant information in decision-making. Experience with diagnosing and analyzing marketing problems as well as developing and implementing courses of action is emphasized.

Students of marketing prepare for professional careers in marketing management, product management, marketing research, consumer analysis, advertising management, selling and promotion, brokerage, wholesaling and related positions.

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## Marketing Major Requirements

The marketing major has a set of required courses along with a series of tracks. Each student selects one of the tracks and completes a set of mandatory and elective courses in the track.

Course	Credits
Business Core Courses	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3



MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3
Marketing Major Courses	
MKTG 113 - Marketing Research	3
MKTG 115 - Consumer Behavior	3
MKTG 120 - Digital Marketing	3
MKTG 195 - Marketing Management	3
PSY 001 - Introduction to Psychology (with lab)	4
Marketing Tracks - Select one track from the following:	
Integrated Marketing Communications	
MKTG 106 - Integrated Marketing Communications	3
Select one from the following:	
JMC 058 - Introduction to Visual Communication	3
JMC 117 - Strategic Media Planning	3
Marketing Management	
MKTG 106 - Integrated Marketing Communications	3
MKTG 130 - Marketing Analytics	3
MKTG 170 - International Marketing	3
MKTG 180 - New Product Marketing	3
Marketing Analytics and Research	
MKTG 130 - Marketing Analytics	3
Select one from the following:	
IS 114 - Advanced IT Apps for Business	3
STAT 040 - Introduction to R and SAS	3
ECON 170 - Introduction to Econometrics	3
JMC 117 - Strategic Media Planning	3
MKTG 102 - Professional Selling	3
MKTG 111 - Direct and Interactive Marketing	3
MKTG 180 - New Product Marketing	3
SCSS 077 - The Art of the Interview	3
Sales and Sales Management	
MKTG 102 - Professional Selling	3
MKTG 104 - Sales Management	3
Select one from the following:	
MGMT 182 - Human Resource Management	3

MGMT 184 - Leadership and Professional Development	3
MGMT 186 - Compensation and Benefits	3
PSY 060 - Principles of Behavior	3
SCSS 077 - The Art of the Interview	3
<b>TOTAL</b>	<b>72-75</b>

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### **Marketing Minor Requirements**

The minor in marketing is designed for students who would like to supplement their degree with a set of skills and understandings in the field of marketing. The following courses are required.

Course	Credits
ACCT 041 - Introduction to Financial Accounting	3
ECON 002 - Principles of Microeconomics	3
MKTG 101 - Marketing Principles	3
MKTG 115 - Consumer Behavior	3
PSY 001 - Introduction to Psychology (with lab)	4
Electives - Select three from the following	9
MKTG 102 - Professional Selling	3
MKTG 104 - Sales Management	3
MKTG 106 - Integrated Marketing Communications	3
MKTG 109 - Internet Marketing	3
MKTG 111 - Direct and Interactive Marketing	3
MKTG 113 - Marketing Research	3
MKTG 130 - Marketing Analytics	3
MKTG 170 - Global Marketing	3
MKTG 180 - New Product Marketing	3
MKTG 195 - Marketing Management	3
<b>TOTAL</b>	<b>25</b>

A total of 6 hours of transfer credit may be applied toward the required courses for the Marketing minor. The Marketing minor must have a 2.00 GPA or above.

### **Quantitative Economics**

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### **Program Options**

- Bachelor of Arts (B.A.) with a major in Quantitative Economics - offered in the College of Arts and Sciences

- Bachelor of Science in Business Administration (B.S.B.A.) with a major in Quantitative Economics

Economics department web site ([www.drake.edu/economics](http://www.drake.edu/economics))

Math and Computer Science department (within the College of Arts and Sciences) web site ([www.drake.edu/mathcs](http://www.drake.edu/mathcs))

## Program Overview

Quantitative economics is a joint program of the College of Business and Public Administration (CBPA) and the Mathematics Department of the College of Arts and Sciences. The program offers integrated study in mathematics, statistics, and economics. The program is designed to prepare students for graduate study in economics (M.A. or Ph.D. programs) or business (Ph.D. programs or quantitatively oriented M.B.A. programs). The program also prepares students for research-oriented jobs in government, business or consulting.

## Quantitative Economics Major Requirements - Bachelor of Arts

The quantitative economics major requires 21 credits of mathematics, 6 credits of statistics, and 24 credits of economics. All students must complete the following, in addition to fulfilling the requirements of the Drake Curriculum.

Course	Credits
ACTS 131 - Introduction to Probability I	3
ACTS 131L - Introduction to Probability I Lab	.5
ACTS 135 - Mathematical Statistics	3
ECON 002 - Principles of Microeconomics	3
ECON 010 - Principles of Macroeconomics	3
ECON 170 - Introduction to Econometrics, or STAT 170 - Statistical Modeling and Data Analysis II	3
ECON 173 - Intermediate Microeconomics Analysis	3
ECON 174 - Intermediate Macroeconomics Analysis	3
ECON 190 - Seminar in Economics	3
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
Electives - <i>Select two courses from the following</i>	
MATH 101 - Math Reasoning	3
MATH 110 - Multivariate Calculus	3
MATH 120 - Applied Differential Equations I	3
MATH 125 - Mathematical Modeling	3

MATH 127 - Introduction to Game Theory	3
MATH 176 - Advanced Linear Algebra	3
MATH 184 - Introduction to Real Analysis	3
Electives - <i>Select two ECON courses numbered 100 or higher</i>	6
TOTAL	63.5

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### **Quantitative Economics Major Requirements - Bachelor of Science in Business Administration**

The Bachelor of Science in Business Administration requires students to complete the Business Core courses. (Note that there is some overlap with the major.)

<b>Course</b>	<b>Credits</b>
<b>Business Core Courses</b>	
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I	3
ACTS 131L - Introduction to Probability I Lab	.5
ACTS 135 - Mathematical Statistics	3
<b>Quantitative Economics Major Courses</b>	
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
Electives - <i>Select two courses from the following:</i>	
MATH 101 - Math Reasoning	3
MATH 110 - Multivariate Calculus	3
MATH 120 - Applied Differential Equations I	3

MATH 125 - Mathematical Modeling	3
MATH 127 - Introduction to Game Theory	3
MATH 176 - Advanced Linear Algebra	3
MATH 184 - Introduction to Real Analysis	3
ECON 010 - Principles of Macroeconomics	3
ECON 170 - Introduction to Econometrics, or STAT 170 - Statistical Modeling and Data Analysis II	3
ECON 173 - Intermediate Microeconomics Analysis	3
ECON 174 - Intermediate Macroeconomics Analysis	3
ECON 190 - Seminar in Economics	3
Electives - <i>Select two ECON courses numbered 100 or higher</i>	6
TOTAL	90.5

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# Academic Regulations

Specific course requirements are given in the basic programs and in the curricula for the various majors on various pages of this catalog. Modifications of the required program may be made only on the recommendation of the student's adviser and the approval of the Associate Dean for Academic Affairs of the College of Business and Public Administration.

Students in the College of Business and Public Administration may count up to 30 hours of credit by examination toward a degree. Specific exceptions to this rule may be approved by the faculty on an individual basis. Credit by examination is confined to examinations for which there are recognized norms. Such credit may not be used for the student's last 30 hours of work toward the degree.

## Academic Integrity

The College of Business and Public Administration has adopted an Academic Integrity Policy to address academic dishonesty. Copies of this policy are available from the [College web site](https://www.drake.edu/artsci/studentresources/policiesandregulations/) (<https://www.drake.edu/artsci/studentresources/policiesandregulations/>) or from the Associate Dean for Academic Affairs.

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## Graduation Requirements

Candidates qualifying for the degree of Bachelor of Science in Business Administration (B.S.B.A.) must complete 124 credit hours. At least 42 credit hours must be earned in courses numbered 100 or above. At least 50 percent of required business credit hours must be completed in residence at Drake.

Credit for remedial courses of sub-collegiate level is not considered toward meeting the requirements for graduation. The final 30 hours of an undergraduate degree must be taken at Drake University unless an alternative plan is approved by the Associate Dean for Academic Affairs.

Candidates qualifying for a B.S.B.A. must have a cumulative GPA of 2.50 for all Drake University work attempted and a cumulative GPA of 2.00 in all courses taken in the College that carry a number of 100 and above.

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### Required Curriculum

#### Business Courses

All business majors\* are required to complete the following courses.

Course	Credit Hours
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
BUS 195 - Business Strategy and Policy	3
BLAW 060 - Business Law I	3
BUS 001, 002, 003, 004, 005 - The Business Profession I-V	0
BUS 070 - Globalization	3
BUS 073 - Professional Verbal Communications	2
BUS 074 - Professional Written Communications	2
ECON 002 - Principles of Microeconomics	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 075 - Information Technology and Business	3
FIN 101 - Corporate Finance	3
MATH 028 - Business Calculus (or higher)	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3
MKTG 101 - Marketing Principles	3
ACTS 131 - Introduction to Probability I, or STAT 071 - Statistics I	3
ACTS 135 - Mathematical Statistics, or STAT 072 - Statistics II	3

\*Actuarial Science majors take a different set of business core courses.

### **Non-Business Courses**

The non-business courses are required for the Bachelor of Science degree in Business Administration.

<b>Course</b>	<b>Credits</b>
FYS 001-099 - First Year Seminar, or equivalent	3
MATH 028 - Business Calculus, or MATH 050 - Calculus I	3-4
<b>Total</b>	<b>6-7</b>

The courses listed above as required by the College of Business and Public Administration may be used to fulfill requirements of the Drake Curriculum. Please refer to the Drake Curriculum for additional information.

### **Non-Business / Non-Drake Curriculum Requirement**

In addition to the required Business and Non-Business courses and the Drake Curriculum requirements, students will complete nine hours of coursework outside of the College of Business and Public Administration.

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## **Faculty**

### **Professors**

Bishop, Debra S (1994) Professor of Practice in Management and Organizational Leadership. MS, Iowa State University; PHD, Iowa State University

Boal, William (1995) Professor of Economics/Department Chair. BA, Wesleyan University; PHD, Stanford University

Clapham, Stephen E (1990) Professor of Management and Organizational Leadership. MBA, Indiana University - Bloomington; PHD, Indiana University - Bloomington

I Fichtner, Jason Royce (2008) Professor of Business Law BA, University of Northern Iowa; JD, Drake University.

Meyer, C Kenneth (1990) Professor of Public Administration/Thomas F. Sheehan Distinguished Professor. MPA, University of Oklahoma - Norman; PHD, University of Oklahoma - Norman

Miller, Chip E (2001) Professor of Marketing/Thomas F. Sheehan Distinguished Professor/Department Chair. MA, University of Kansas; PHD, University of Washington

Norman, Andrew (2003) Professor of Marketing. MBA, Brigham Young University; PHD, University of Arizona

Purvanova, Radostina Krassimirova (2008) Professor of Management and Organizational Leadership/Department Chair. MS, Emporia State University; PHD, University of Minnesota, Twin Cities

Strader, Troy Jefferson (2003) Professor of Information Systems/Aliber Distinguished Professor. MS, Iowa State University; PHD, University of Illinois

### **Associate Professors**

Adkins, Natalie (2009) Associate Professor of Marketing. BSB, West Virginia University; PHD, Virginia Polytechnic Institute & State University

Chen, Yiqing (2014) Associate Professor of Actuarial Science/Robert W. Stein Term Fellow of Enterprise Risk Management. BE, Hefei University; MA Guangdong University of Technology; PHD, University of Hong Kong

Clayton, Suzanne (2005) Associate Professor of Practice in Information Systems. BS, Iowa State University; MBA, Drake University

Croft, Kevin (2020) Associate Professor of Practice in Finance, Insurance, and Risk Management; Director of the Kelley Insurance Center; BS, Drake University; MBA, Drake University

Edrington, Mary (1986) Associate Professor of Practice in Marketing. BS, Iowa State University; MBA, University of Iowa

Ellis, Kelley (2013) Associate Professor of Practice in Accounting/Director and Chair, School of Accounting. BSBA, Creighton University; MBA, University of Iowa

Gara, Stephen (2005) Associate Professor of Accounting. LLM, Georgetown University; JD, Southern Methodist University; PHD, University of Memphis.

Hill, Denise (2017) Associate Professor of Practice in Public Administration. BA, Wartburg College; MPA, Drake University; JD, Drake University.

Judd, Paul S (1990) Associate Professor of Practice in Actuarial Science. BA, University of Dayton; MS, University of Iowa

Kappen, Jeffrey A (2012) Associate Professor of Management and Organizational Leadership BA, Beloit College; MBA, University of Wisconsin – Madison; PHD, University of Massachusetts – Amherst

Meyer, Bradley (1989) Associate Professor of Information Management & Business Analytics/Department Chair. MS, Iowa State University; PHD, Iowa State University

Mitchell, Alanah (2015) Associate Professor of Information Systems/Department Chair. BA, Simpson College; MS, Creighton University; PHD, University of Nebraska at Omaha.

Mitchell, Matthew Coy (2010) Associate Professor of Management and Organizational Leadership. MBA, Rollins College; PHD, University of South Carolina - Columbia

Njoroge, Joyce (2000) Associate Professor of Accounting. MAC, Washington State University; PHD, Washington State University

Root, Thomas (1999) Associate Professor of Finance. MA, University of Kansas; PHD, University of Kansas

Rozycki, John (1990) Associate Professor of Finance. MBA, University of Scranton; PHD, Pennsylvania State University

Senteza, Jimmy D (2000) Associate Professor of Finance. MBA, Washington State University; PHD, Washington State University

Severe, Sean Parker (2011) Associate Professor of Economics/Associate Dean of Academic Affairs. MS, University of Oregon; PHD, University of Oregon

Solsma, Lori (2013) Associate Professor of Accounting. BS, University of South Dakota; MBA, University of South Dakota; PHD, University of Mississippi

Suh, Inchul (2002) Associate Professor of Finance. MBA, Indiana University - Bloomington; PHD, University of Colorado - Boulder

Vaughan, Amy Grace (2009) Associate Professor of Statistics/Assessment Coordinator. MS, University of Georgia; PHD, University of Georgia

White, Toby (2008) Associate Professor of Finance/Actuarial Science/Principal Financial Group Distinguished Professor/Department Chair. MS, University of Iowa; PHD, University of Washington

Zagoren, Allen Jeffrey (2004) Associate Professor of Practice in Public Administration/Department Chair. BA, Hofstra University; MPA, Drake University; DO, Philadelphia College of Osteopathic Medicine

Zheng, Liping (2009) Associate Professor of Economics. MA, University of New Hampshire; PHD, University of New Hampshire

### **Assistant Professors**

Bryant, Andrew (2014) Assistant Professor of Marketing. BS, Actuarial Studies, Southern Adventist University, Collegedale, Tennessee; PHD, George Washington University, Washington, D.C.

Bujakowski, Douglas (2017) Assistant Professor of Actuarial Science & Risk Management. BS, Ohio State University; PHD, University of Wisconsin – Madison

Clark, Anna (2017) Assistant Professor of Practice in Public Administration. BA, University of Denver; MPA, The University of Texas at Dallas; PHD, The University of Texas at Dallas

Ellis, Kelley (2013) Assistant Professor of Practice in Accounting/Assistant Director, School of Accounting. BSBA, Creighton University; MBA, University of Iowa

Follett Clausen, Lendie (2017) Assistant Professor of Business Analytics. BS, Iowa State University; MS, Iowa State University; Ph.D., Iowa State University

Henderson, Heath (2015) Assistant Professor of Economics. BBA, Belmont University; MA, American University; PHD, American University

Huang, Yu-Hsiang (John) (2016) Assistant Professor of Practice in Information Systems. BS, National Taiwan University of Science & Technology; MBA, National Chung Hsing University; MS, University of Illinois – Urbana; Ph.D., University of Illinois at Urbana-Champaign

Kolotylo-Kukarni, Malgorzata (2019) Assistant of Professor of Information Management and Data Analytics. BSc, University of Whales; BSc Vrije, Universiteit; PhD, Florida State University.

Mannetter, Heidi (2016) Assistant Professor of Practice in Marketing. BA, University of Northern Iowa; MBA, University of Iowa

McCool, Lynn (2016) Assistant Professor of Practice in Business Communications. BA, Cedarville University; MA, Iowa State University; PHD, Iowa State University

Park, Jieun (2019) Assistant Professor of Management and Organizational Leadership. BA, Ewha Woman's University; MA Ewha Woman's University; MA, The Ohio State University; PHD, University of South Carolina

Sweeney, Brian (2020) Assistant Professor of Practice in Accounting, BBA, University of Iowa; MBA Drake University; MS, Kaplan University

Vander Naald, Brian (2016) Assistant Professor of Economics. BA, Miami University; MA, University of Montana; PHD, University of Oregon

Vieregger, Carl (2015) Assistant Professor of Management and Organizational Leadership. BA, Northwestern University; MBA, Columbia Business School; PHD, Olin Business School, Washington University

Watson, Susan Beth (2012) Assistant Professor of Practice in Actuarial Science/Sammons Director of School of Actuarial Science & Risk Management. BS, Drake University; MDIV, Bethel University; MS, Texas A & M University

### **Adjunct Professors**

Aquilar, Oscar (2015) Adjunct Instructor of Statistics. BS, Colorado School of Mines; MS, Colorado School of Mines

Britt, Wade (2016) Adjunct Instructor of Management. BA, University of South Carolina; MBA, University of South Carolina

Buell, Leanne (2017) Adjunct Instructor of Insurance. BA, Drake University; MA, Drake University

Clevenger, Jason (2015) Adjunct Instructor, Economics & Finance. BSC, Iowa State University; MFM, Drake University

Drake, Adam (2013) Adjunct Instructor of Management. MBA, University of Iowa

Groben, Heather (2018) Adjunct Instructor of Statistics. BA, St. Olaf College; MPA, University of Wisconsin; MS, University of Wisconsin; PHD, University of Wisconsin

Johnson, Matthew (2019) Adjunct Instructor of Leadership. BS, Drake University; MPA, Drake University

Johnson, Timothy (2006) Adjunct Instructor of Management and International Business. BA, Central College; MBA, Drake University

Hernandez, Alejandro (2016) Adjunct Instructor of Management. BA California State University; MA Western Kentucky University.

Kinman, Eric (2016) Adjunct Instructor of Management. BA, University of Northern Iowa; MBA, Drake University

Kinnard, Laura (2016) Adjunct Instructor of Management. BA, Drake University; MBA, Florida Institute of Technology

Kobolt, Danette (2018) Adjunct Instructor of Insurance. BA, University of Northern Iowa; JD, Thomas M. Cooley Law School

Murphy, John (2019) Adjunct Professor of Accounting, BA, Iowa State University; MBA Drake University

Muselman, Claire (2019) Adjunct Instructor of Management. BA, University of Iowa; MPA, Drake University; PhD, Grand Canyon University.

Paulsen, Kipp (2018) Adjunct Instructor of Management. BA, Iowa State University

Seier, Julie (2018) Adjunct Instructor of Management. BA, University of Iowa; MS, Roosevelt University

Sundermann, Kurt (2018) Adjunct Instructor of Data Analytics. BA, Valparaiso University; MBA, Iowa State University

Teh, Tong Khon (2015) Adjunct Instructor of Actuarial Science. BS, Drake University

Veatch, Ryan (2018) Adjunct Instructor of Management. BA, Iowa State University.

Wiser, Zachary (2018) Adjunct Instructor Management. BA, Iowa State University; MA, Iowa State University

# School of Education

## Vision Statement

Faculty, staff and students of the School of Education model leadership in the core areas of academic reflection, collaborative learning and social justice. Leadership embodies the importance of creating and educating strong systemic leaders at every level in the academic setting.

- A belief in academic reflection assumes the importance of intellect, knowledge and reason. The School of Education is a place of inquiry and scholarship in the liberal and professional arts.
- A belief in collaborative learning assumes the importance of active participation and mutual responsibility among faculty, students and constituent communities. The School of Education fosters active learning and teaching.
- A belief in social justice assumes the importance of education as a major pathway toward the values of democracy and equity. The School of Education promotes lifelong learning as purposeful activity that advances global citizenship and a just society.

## Mission Statement

The School of Education is a diverse community of collaborative learners dedicated to the preparation, licensure, advancement and continuing education of teachers, counselors, school administrators, human resource development professionals and other educational leaders of learning communities. Drake University has been a member of the American Association of Colleges for Teacher Education since the association's inception. The school is fully accredited by the Iowa Department of Education and the Higher Learning Commission of the North Central Association of Colleges and Schools for the preparation of elementary teachers, secondary teachers, school and rehabilitation counselors and school administrators. For more information about the Drake University School of Education, see the [School of Education web site](https://catalog.drake.edu/undergraduate/soe/) <https://catalog.drake.edu/undergraduate/soe/>.

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Areas of Study

Requirements

Licensure

Faculty

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## **Areas of Study**

### Majors

Elementary Education (K-8)

Secondary Education (5-12)

### Concentrations

Social Justice in Urban Education

Talent Development

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# Elementary Education

## Program Option

Bachelor of Science in Education (B.S.E.) with a major in Elementary Education

B.S.E. web site <https://www.drake.edu/soe/undergraduate/elementary-ed/>

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## Program Overview

The Bachelor of Science in Education: Elementary Education prepares students for initial teacher certification at the elementary level. Graduates of the program will be learning leaders, student advocates, and reflective practitioners.

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## Program Requirements

To earn a bachelor's degree from Drake, students majoring in elementary education need to fulfill the following requirements:

- 124 credit hours
- Drake Curriculum requirements
- Professional education requirements
- Teaching endorsement(s) requirements (at least one endorsement)
- Subject area minimum requirements for elementary endorsements

Course	Credits
EDUC 001 - Introduction to Education (Optional)	1
EDUC 103 - Foundations in Education*	3
EDUC 108 - Student Development and Learning Theory*	3
EDUC 109 - Educational Technology*	3
EDUC 111 - Education Planning and Assessment*	3
EDUC 122 - Curriculum and Pedagogy	3
EDUC 123 - PE and Health in Elementary Schools	2
EDUC 124 - Literature of Childhood and Youth	3
EDUC 125 - Teaching of Science	3
EDUC 126 - Teaching of Mathematics	3
EDUC 128 - Teaching of Social Studies	3
EDUC 137 - Teaching of Reading in the Elementary Classroom	3
EDUC 139 - Teaching of Communication Arts in the Elementary Classroom	3
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
SPED 120 - Introduction to Special Education*	3



Social Studies - Select two courses from the following:	
HIST 001 - Passages to 1750	3
HIST 002 - Passages Since 1750	3
HIST 075 - US History to 1877	3
HIST 076 - US History Since 1877	3
Behavioral Science - Select one course from the following:	
PSY 001 - Introduction to Psychology	4
SCSS 001 - Survey of Sociology	3
Mathematics	
MATH 024 - Structure of Math for Elementary Education I	3
MATH 025 - Structure of Math for Elementary Education II	3
Science - Select at least one course from each of the following areas for a total of six credits. Courses may count toward multiple areas.	
Physical Science	
ASTR 001 - Descriptive Astronomy	3
ENSS 022 - Meteorology	4
ENSS 041 - Principles of Geology	3
PHSC 001 - Physical Science	3
STEM 110 - Integrated Science I	3
STEM 111 - Integrated Science II	3
Earth/Space Science	
ASTR 001 - Descriptive Astronomy	3
ENSS 022 - Meteorology	4
ENSS 035/036 - One Earth: Global Environmental Science (with lab)	4
ENSS 041 - Principles of Geology	3
STEM 110 - Integrated Science I	3
STEM 111 - Integrated Science II	3
Life Science	
BIO 012 - General/Pre-Professional Biology I	3
BIO 018 - Introduction to Anatomy and Physiology	3
ENSS 035/036 - One Earth: Global Environmental Science (with lab)	4
STEM 110 - Integrated Science I	3
STEM 111 - Integrated Science II	3
Student Teaching	
EDUC 165 - Instruction and Management in Elementary Grades	1
EDUC 166 - Student Teaching (Elementary)	11
EDUC 169 -E-Portfolio for Student Teaching	1
*Admission to the Teacher Education Program - Must successfully complete EDUC 103, EDUC 108, EDUC 111, and SPED 120	

Teaching Endorsement - Complete the requirements for at least one teaching endorsement.	varies
TOTAL	124

There are many endorsements available at the elementary level. While only one endorsement is required to get a teaching license, two or more endorsements are recommended for maximizing students' flexibility and variety in their professional careers. Approved endorsement programs currently are available in

- Art
- Early Childhood Education
- Unified Early Childhood Education (early childhood education with an emphasis in special education)
- English/Language Arts
- Government/History/Social Studies
- Mathematics
- Music
- Reading
- Science
- Special Education
- Speech/Communications/Theatre
- STEM (K-8)
- World languages (Spanish, French, Japanese, and German)

Approved second endorsement areas are available in

- English as a Second Language (K-12)
- Coaching (K-12)
- Gifted & Talented (K-12)
- Middle School (5-8)

Specific requirements and program descriptions are available in the Teaching and Learning Department. Other endorsement programs may become available.

To earn endorsement by Drake University for licensure in an endorsement, students must earn at least a "C-" in all of the courses above.

Teacher Education Program

Students must meet the following criteria to enroll in professional courses for Elementary Education:

- A minimum cumulative grade point average of 2.5
- Acceptable Praxis Core Academic Skills for Educators composite score (Reading + Writing + Math) of 448 or higher
- All InTASC Standards met at the beginning level
- A completed application and two checklist forms of recommendation, at least one from a School of Education teacher education faculty member
- Successful background check

## Other Program Requirements

All students preparing for licensure as a teacher must meet the following criteria on a continuing basis:

1. Completion of the Drake Curriculum Areas of Inquiry (A.O.I.s) or an equivalent program at another college or university.
  2. Completion of the elementary or secondary education major with at least a “C-” in all education and endorsement courses.
  3. Completion of an approved teaching endorsement area(s).
  4. Maintenance of at least a 2.50 cumulative GPA (on a 4.00 scale) for undergraduate students.
  5. Maintenance of at least a 3.0 cumulative GPA (on a 4.00 scale) for graduate students.
  6. Demonstration of all InTASC Standards at the appropriate level.
  7. Demonstration of Drake-defined Professional Dispositions at the appropriate level.
  8. Successfully pass background checks.
-

## Secondary Education

### Program Option

Bachelor of Science in Education (B.S.E.) with a major in Secondary Education

B.S.E. web site (School of Education) <https://catalog.drake.edu/undergraduate/soe/areas/seed/>

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### Program Overview

The Bachelor of Science in Secondary Education prepares students for initial teacher certification at the secondary level. Graduates of the program will be learning leaders, student advocates, and reflective practitioners.

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### Program Requirements

To earn a bachelor's degree from Drake, students majoring in secondary education need to fulfill the following requirements:

- 124 credit hours
- Drake Curriculum (AOI) requirements
- Professional education requirements
- Teaching endorsement(s) requirements (at least one teaching endorsement is required; two are suggested)
- Subject area minimum requirements for secondary education endorsements (30 credits)

Course	Credits
EDUC 001 - Introduction to Education (Optional)	1
EDUC 103 - Foundations in Education*	3
EDUC 108 - Student Development and Learning Theory*	3
EDUC 109 - Educational Technology	3
EDUC 111 - Education Planning and Assessment*	3
EDUC 132 - Methods for Teaching Secondary School	3
EDUC 142 - Teaching Disciplinary Literature	3
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
SPED 120 - Introduction to Special Education*	3
Special Methods in Teaching Area (one for each endorsement area)	
EDUC 083 - Special Methods in Art	3
EDUC 136 - Methods in Secondary Science Teaching	3
EDUC 138 - Special Methods in Secondary Social Studies Teaching	2
EDUC 141 - Special Methods in Language Arts Teaching	3

EDUC 146 - Methods of Teaching World Languages	3
EDUC 150 - Secondary Reading Methods	3
MATH 145 - Methods of Teaching Secondary Math	3
STEM 174 - Science Methods and Nature of Science	3
Mathematics or Statistics Courses - Select at least one course in mathematics (MATH) or statistics (STAT)	3
Student Teaching	
EDUC 167 - Instruction and Management of Secondary Grades	1
EDUC 168 - Student Teaching (Secondary)	11
EDUC 169 -E-Portfolio for Student Teaching	1
Admission to the Teacher Education Program - Must successfully complete EDUC 103, EDUC 108, EDUC 111, and SPED 120	
Teaching Endorsement - Complete the requirements for at least one teaching endorsement.	varies
<b>TOTAL</b>	<b>124</b>

Approved primary endorsement areas are available in the following areas (grade levels 5-12 unless otherwise noted):

- Art
- English/Language Arts
- Gifted & Talented
- Government/History/Social Studies
- Journalism
- Mathematics
- Music
- Reading
- Science
- Special Education
- Speech/Communications/Theatre
- STEM
- World Languages

Approved second endorsement areas are available in the following areas:

- Coaching (K-12)
- Economics
- English as a Second Language
- Middle School (5-8)

Specific requirements and program descriptions are available in the Teaching and Learning Department. Other endorsement programs may become available.

To earn endorsement by Drake University for licensure in an endorsement, students must earn at least a "C-" in all of the courses above.

## Teacher Education Program

Students must meet the following criteria to enroll in professional courses for Elementary Education:

- A minimum cumulative grade point average of 2.5
- Acceptable Praxis Core Academic Skills for Educators composite score (Reading + Writing + Math) of 448 or higher
- All InTASC Standards in EDUC 103, EDUC 108, EDUC 111, and SPED 120 met at the beginning level
- A completed application and two checklist forms of recommendation, at least one from a School of Education teacher education faculty member
- Successful background check

## Other Program Requirements

All students preparing for licensure as a teacher must meet the following criteria on a continuing basis:

1. Completion of the Drake Curriculum Areas of Inquiry (A.O.I.s) or an equivalent program at another college or university.
  2. Completion of the elementary or secondary education major with at least a “C-” in all education and endorsement courses.
  3. Completion of an approved teaching endorsement area(s).
  4. Maintenance of at least a 2.50 cumulative GPA (on a 4.00 scale) for undergraduate students.
  5. Maintenance of at least a 3.0 cumulative GPA (on a 4.00 scale) for graduate students.
  6. Demonstration of all InTASC Standards at the appropriate level.
  7. Demonstration of Drake-defined Professional Dispositions at the appropriate level.
  8. Successfully pass background checks.
-

## Social Justice in Urban Education Concentration

### Program Overview

Drake University's Social Justice in Urban Education (SJUE) program seeks to educate culturally responsive teachers to work effectively with all students in urban settings—particularly students of color, working-class students, immigrant students, and students from historically marginalized populations. Aligned with the School of Education's commitment to academic reflection, collaborative learning, and social justice, the program seeks to help teachers critically examine urban contexts, so that they may develop pedagogical knowledge and tools to work with students in these contexts.

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### Program Requirements

Undergraduate students can receive their degree in Elementary Education (K-6) or Secondary Education (7-12) with a Social Justice in Urban Education Concentration. At the graduate level, the concentration is a strand within the Master of Science in Education in Teacher Effectiveness and Professional Development (TEPD) program.

Course	Credits
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
EDUC 183 - Social Context of Urban Schools	3
Electives - Select nine credits from the following	
EDUC 184 - Applications for Teaching in Urban Schools	3
EDUC 186 - Youth, Culture, and Society	3
EDUC 187 - Urban Education and Immigration	3
EDUC 277 - available only to graduate students	3
<b>TOTAL</b>	<b>15</b>

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## Talent Development Concentration

### Program Overview

The talent development concentration is an undergraduate concentration open to all majors. The concentration is 15 credit hours and includes three TD courses and two electives in technology, digital media, graphic design, or website development.

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### Program Requirements

Course	Credits
Select 12 credits from the following	
TD 111 - Organizational Learning	3
TD 112 - Learning and Technology	3
TD 113 - Performance Consulting	3
TD 114 - Designing, Developing, and Facilitating Learning	3
Select three credits from the pre-approved list below	
ART 021 - Digital Media	3
ART 050 - The Idea of Design	3
ART 051 - Introduction to Typography	3
ART 052 - Form and Concept	3
ART 114 - Web Design	3
JMC 031 - Multimedia Lab	1
JMC 055 - Digital Media Strategies	3
JMC 059 - Introduction to Visual Communication	3
JMC 105 - Web Page Design	3
<b>TOTAL</b>	<b>15</b>

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## Requirements

All students preparing for licensure as a teacher must meet the following criteria on a continuing basis:

1. Completion of the Drake Curriculum Areas of Inquiry (A.O.I.s) or an equivalent program at another college or university.
  2. Completion of the elementary or secondary education major with at least a “C-” in all education and endorsement courses.
  3. Completion of an approved teaching endorsement area(s).
  4. Maintenance of at least a 2.50 cumulative GPA (on a 4.00 scale) for undergraduate students.
  5. Maintenance of at least a 3.0 cumulative GPA (on a 4.00 scale) for graduate students.
  6. Demonstration of all InTASC Standards at the appropriate level.
  7. Demonstration of Drake-defined Professional Dispositions at the appropriate level.
  8. Successfully pass background checks.
-

## **Licensure**

Upon satisfactory completion of an approved teacher education program, a Proficient rating on the student's portfolio, achievement of INTASC Standards at a Proficient level in classroom practice and recommendation of the Dean of the School of Education, Drake students may receive their bachelor's or master's degrees and be recommended to be licensed to teach in the state of Iowa. Licensure or endorsement in other states may require different courses of study, and the individual student is responsible for knowing the rules and regulations of any other states in which he/she wishes to be certified.

In Iowa, teaching licensure is issued by the Iowa Board of Educational Examiners upon recommendation of colleges and universities that have state-approved programs. All areas of concentration detailed for the School of Education are fully approved by the Iowa Board of Educational Examiners. Other states also accept recommendations for teaching licensure from Drake University, which is fully accredited by the Higher Learning Commission of the North Central Association of Schools and Colleges.

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# School of Journalism and Mass Communication

Drake's School of Journalism and Mass Communication strives to educate tomorrow's leaders in the exciting world of journalism and mass communication. Graduates have mastered basic skills common to all media: writing, gathering information and effectively communicating information to others. They work around the world in a variety of professions that involve planning, message or program production, publication and evaluation. The school welcomes students from other Drake majors who want to take a class or two to sharpen their critical thinking skills as media consumers.

The program is based on a series of core competencies that students are expected to have.

Students should be able to:

1. Understand and apply the principles and laws of freedom of speech and press, including the right to dissent, to monitor and criticize power, and to assemble and petition for redress of grievances.
2. Demonstrate an understanding of the history and role of professionals and institutions in shaping communications.
3. Demonstrate an understanding of gender, race, ethnicity, sexual orientation and, as appropriate, other forms of diversity in domestic society in relation to mass communication.
4. Demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of mass communications in a global society.
5. Understand concepts and apply theories in the use and presentation of images and information.
6. Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity.
7. Think critically, creatively and independently.
8. Conduct research and evaluate information by methods appropriate to the communications professions in which they work.
9. Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve.
10. Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
11. Apply basic numerical and statistical concepts.
12. Apply current tools and technologies appropriate for the communications professions in which they work, and understand the digital world.
13. Take ownership of their own academic experience.
14. Be engaged with the community: the university, the local community and professional groups.
15. Cope and thrive in the workplace.

The Drake University School of Journalism and Mass Communication awards the Bachelor of Arts in Journalism and Mass Communication degree. The school is accredited by the Accrediting Council on Education in Journalism and Mass Communications. In all its programs, the school is committed to a philosophy of professional education that emphasizes liberal arts studies.

## College Vision Statement

The Drake School of Journalism and Mass Communication provides professional experience in a media-rich environment and professional mentors for life.

## College Mission Statement

Drake's School of Journalism and Mass Communication strives to educate strategic, global thinkers with diverse media and communication skills and a solid ethical underpinning who are prepared to respond to a rapidly changing media environment.

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Areas of Study

Regulations

Graduation Requirements

Faculty

## **Areas of Study**

### Majors

Advertising

Digital Media Production

Magazine Media

Multimedia Journalism

Public Relations

Strategic Political Communication

### Minors

Advertising

Magazine Media

Specialty Area

Journalism Major / Law Degree

3+3

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## Advertising

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

- Bachelor of Arts in Journalism and Mass Communication (B.A.J.M.C.) with a major in Advertising
- Advertising minor
  
- Advertising web page <https://catalog.drake.edu/undergraduate/sjmc/areas/adv/>

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### Program Overview

Advertising majors learn to combine critical thinking with creativity to deliver strategic messages to a targeted audience on behalf of a client. Advertising majors obtain jobs such as advertising copywriter, account executive, researcher, digital producer, media planner, or social media strategist. Professionals in the advertising field have many options available, working for an advertising agency or a brand team, for corporations, nonprofits, media or trade organizations.

Advertising enrolls about 85 students.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 115 accredited programs worldwide. To earn accreditation, schools meet nine standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every six years. Drake's program has been continuously accredited, most recently in 2011.

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### Degree Requirements

- Meet all requirements of the Drake Curriculum
- Maintain a 2.0 grade point average during the first 30 credit hours
- Maintain a 2.25 grade point average at Drake after the 30th credit hour
- Maintain a 2.25 grade point average in SJMC course work after the 30th credit hour

Required courses for the advertising major as follows:

Students should work with their advisers to ensure selection of courses best-suited to their educational and career objectives. Please see Graduation Requirements (<https://catalog.drake.edu/undergraduate/sjmc/gradreq/>) and Regulations (<https://catalog.drake.edu/undergraduate/sjmc/regs/>) sections of the catalog for additional information.

## Advertising Major Requirements

Required courses for the Advertising major are as follows:

Course	Credits
School of Journalism and Mass Communication Core Courses	
INTD 025 - Bulldog Foundations	1
JMC 030 - Mass Media in a Global Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-Professional Workshop	1
JMC 041 - Financial Fundamentals for Communication Professionals	1
JMC 054 - Reporting and Writing Principles	3
JMC 055 - Digital Media Strategies	3
JMC 059 - Introduction to Visual Communication	3
JMC 104 - Communication Law and Ethics	3
POLS 001 - American Political System	3
SCSS XXX -	3
Non-SJMC courses - Select 72 credits of courses not offered within the SJMC. At least 48 of those credits must come from the College of Arts & Sciences and must include POLS 001 and one course in sociology (SCSS). ECON 002, ECON 010, STAT 040, STAT 050, STAT 060, STAT 071, entrepreneurship (ENTR), and Health Sciences (HSCI) count as Arts & Sciences credit. At least 40 credits must be in courses numbered 100 or higher.	80
Area of Concentration - All SJMC majors must complete a 21-credit block of courses not offered within the SJMC. This block must be approved by the student's adviser and dean. At least 12 of these credits must be in courses numbered 100 or higher. Courses taken to satisfy requirements in other areas may also count toward this requirement.	21
Advertising Major Courses	
ECON 002 - Principles of Microeconomics	3
JMC 057 - Video Production	3
JMC 076 - Advertising Principles	3
JMC 105 - Web Page Design	3
JMC 113 - Concepts in Consumer Awareness	3
JMC 124 - Copywriting and Content Design	3
JMC 139 - Advertising Account Planning	3
JMC 145 - Advertising Campaign Strategy	3
JMC 117 - Strategic Media Planning, or JMC 141 - Strategic Message Design	3
MKTG 101 - Marketing Principles	3
PSY 001 - Introduction to Psychology	4

TOTAL
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124
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### Advertising Minor Requirements

The advertising minor is designed to provide students who anticipate careers involving an advertising component, such as marketing, management and business, with a well-rounded background in advertising principles and concepts. In addition, there will be some exposure to advertising's creative process.

Required courses for the Advertising minor are as follows:

Course	Credits
JMC 054 - Reporting and Writing Principles	3
JMC 076 - Advertising Principles	3
JMC 113 - Concepts in Consumer Awareness	3
JMC 124 - Copywriting and Content Design	3
JMC 139 - Advertising Account Planning	3
JMC 145 - Advertising Campaign Strategy	3
JMC 057 - Video Production, or JMC 059 - Introduction to Visual Communication	3
JMC 117 - Strategic Media Planning, or JMC 141 - Strategic Message Design	3
TOTAL	24



## Digital Media Production

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

Bachelor of Arts in Journalism and Mass Communication (B.A.J.M.C.) with a major in Digital Media Production

Digital Media Production web page <https://catalog.drake.edu/undergraduate/sjmc/areas/dmp/>

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### Program Overview

Digital Media Production majors develop the skills to use a multimedia palette of video, audio, still photography and text across a variety of platforms, including broadcast video and audio, web, tablets and smart phones. They work as skilled digital media producers for television, radio, websites, sports networks, commercials, documentary, films or corporate communication.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 115 accredited programs worldwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2011.

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### Degree Requirements

- Meet all requirements of the Drake Curriculum
- Maintain a 2.0 grade point average during the first 30 credit hours
- Maintain a 2.25 grade point average at Drake after the 30th credit hour
- Maintain a 2.25 grade point average in SJMC course work after the 30th credit hour

Students should work with their advisers to ensure selection of courses best-suited to their educational and career objectives. Please see Graduation Requirements (<https://catalog.drake.edu/undergraduate/sjmc/gradreq/>) Regulations (<https://catalog.drake.edu/undergraduate/sjmc/regs/>) sections of the catalog for additional information.

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### Digital Media Production Major Requirements

Required courses for the Digital Media Production major are as follows:

Course	Credits
School of Journalism and Mass Communication Core Courses	

INTD 025 - Bulldog Foundations	1
JMC 030 - Mass Media in a Global Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-Professional Workshop	1
JMC 041 - Financial Fundamentals for Communication Professionals	1
JMC 054 - Reporting and Writing Principles	3
JMC 055 - Digital Media Strategies	3
JMC 059 - Introduction to Visual Communication	3
JMC 104 - Communication Law and Ethics	3
POLS 001 - American Political System	3
SCSS XXX -	3
Non-SJMC courses - Select 72 credits of courses not offered within the SJMC. At least 48 of those credits must come from the College of Arts & Sciences and must include POLS 001 and one course in sociology (SCSS). ECON 002, ECON 010, STAT 040, STAT 050, STAT 060, STAT 071, entrepreneurship (ENTR), and Health Sciences (HSCI) count as Arts & Sciences credit. At least 40 credits must be in courses numbered 100 or higher.	80
Area of Concentration - All SJMC majors must complete a 21-credit block of courses not offered within the SJMC. This block must be approved by the student's adviser and dean. At least 12 of these credits must be in courses numbered 100 or higher. Courses taken to satisfy requirements in other areas may also count toward this requirement.	21
Digital Media Production Major Courses	
JMC 057 - Video Production	3
JMC 063 - Video for Journalists	3
JMC 067 - Digital Audio Writing and Production	3
JMC 075 - Digital Photography	3
JMC 105 - Web Page Design	3
JMC 172 - Journalism Capstone	3
JMC 114 - Advanced Video Production, or JMC 115 - Producing TV Sports, or JMC 116 - Documentary Production	3
<b>TOTAL</b>	<b>124</b>

## Magazine Media

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Options

Bachelor of Arts in Journalism and Mass Communication (B.A.J.M.C.) with a major in Magazine Media

Magazine Media web page <https://catalog.drake.edu/undergraduate/sjmc/areas/mags/>

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### Program Overview

The magazine major prepares students to be magazine writers, editors and creative directors for print and online publications. As part of their coursework, students:

- Write magazine articles for consumer, trade and organization magazines.
- Work as staff members for the nationally award-winning Think magazine, Urban Plains digital magazine, and other titles and websites published through the E.T. Meredith Center for Magazine Studies.
- Produce a business plan and design for a magazine prototype of their own.

Unique to Drake: Drake is one of the few private, liberal arts colleges to provide a full four-year sequence for magazines. Many magazine media majors also work outside of classes on the nationally award-winning Drake Magazine.

The Magazine Media major enrolls about 75 students. Class sizes average 18 students.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 115 accredited programs worldwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2011.

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### Degree Requirements

- Meet all requirements of the Drake Curriculum
- Maintain a 2.0 grade point average during the first 30 credit hours
- Maintain a 2.25 grade point average at Drake after the 30th credit hour
- Maintain a 2.25 grade point average in SJMC course work after the 30th credit hour

Students should work with their advisers to ensure selection of courses best-suited to their educational and career objectives. Please see Graduation Requirements (<https://catalog.drake.edu/undergraduate/sjmc/gradreq/>) and Regulations (<https://catalog.drake.edu/undergraduate/sjmc/regs/>) sections of the catalog for additional information.

## Magazine Media Major Requirements

Required courses for the Magazine Media major are as follows:

Course	Credits
School of Journalism and Mass Communication Core Courses	
INTD 025 - Bulldog Foundations	1
JMC 030 - Mass Media in a Global Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-Professional Workshop	1
JMC 041 - Financial Fundamentals for Communication Professionals	1
JMC 054 - Reporting and Writing Principles	3
JMC 055 - Digital Media Strategies	3
JMC 059 - Introduction to Visual Communication	3
JMC 104 - Communication Law and Ethics	3
POLS 001 - American Political System	3
SCSS XXX -	3
Non-SJMC courses - Select 72 credits of courses not offered within the SJMC. At least 48 of those credits must come from the College of Arts & Sciences and must include POLS 001 and one course in sociology (SCSS). ECON 002, ECON 010, STAT 040, STAT 050, STAT 060, STAT 071, entrepreneurship (ENTR), and Health Sciences (HSCI) count as Arts & Sciences credit. At least 40 credits must be in courses numbered 100 or higher.	80
Area of Concentration - All SJMC majors must complete a 21-credit block of courses not offered within the SJMC. This block must be approved by the student's adviser and dean. At least 12 of these credits must be in courses numbered 100 or higher. Courses taken to satisfy requirements in other areas may also count toward this requirement.	21
Magazine Media Major Courses	
JMC 063 - Video for Journalists	3
JMC 070 - Media Editing	3
JMC 091 - Magazine Staff Writing	3
JMC 105 - Web Page Design	3
JMC 119 - Magazine Publishing	3
JMC 120 - Feature Writing	3
JMC 172 - Journalism Capstone	3
JMC Electives (up to five credits)	
<b>TOTAL</b>	<b>124</b>

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## Magazine Media Minor Requirements

The magazine media minor provides students with an overview of how to tell meaningful stories, deliver reliable information and communicate effectively with an audience. Students gain experience in basic magazine writing and editing. Students also have the opportunity to select from several courses for magazine journalists including options such as web page design, video production, and feature writing.

Required courses for the Magazine Media minor are as follows:

Course	Credits
JMC 054 - Reporting and Writing Principles	3
JMC 070 - Media Editing	3
JMC 091 - Magazine Staff Writing	3
JMC 104 - Communication Law and Ethics	3
JMC 119 - Magazine Publishing, or JMC 120 - Feature Writing	3
JMC 055 - Digital Strategies, or JMC 105 - Web Page Design	3
JMC 059 - Introduction to Visual Communication, or JMC 063 - Video for Journalists	3
TOTAL	21

## Multimedia Journalism

*The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here: www.drake.edu/catalog/](http://www.drake.edu/catalog/).*

### Program Option

Bachelor of Arts in Journalism and Mass Communication (B.A.J.M.C.) with a major in Multimedia Journalism

Multimedia Journalism web page (<https://sjmc.drake.edu/about/sjmc-majors/news/>)

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### Program Overview

As Multimedia Journalism majors, students gain knowledge and multimedia skills needed for careers in reporting, editing, management or publishing, in print and online.

Graduates work on publication staffs, in the news and production departments of other news media and agencies, in public information positions and in website editing positions.

Approximately 70 students are enrolled in the major. Average class size is 15 students.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 115 accredited programs worldwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2011.

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### Degree Requirements

- Meet all requirements of the Drake Curriculum
- Maintain a 2.0 grade point average during the first 30 credit hours
- Maintain a 2.25 grade point average at Drake after the 30th credit hour
- Maintain a 2.25 grade point average in SJMC course work after the 30th credit hour

Students should work with their advisers to ensure selection of courses best-suited to their educational and career objectives. Please see Graduation Requirements and Regulations sections of the catalog for additional information.

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### Multimedia Journalism Major Requirements

Required courses for the Multimedia Journalism major are as follows:

**Course**

**Credits**

School of Journalism and Mass Communication Core Courses	
INTD 025 - Bulldog Foundations	1
JMC 030 - Mass Media in a Global Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-Professional Workshop	1
JMC 041 - Financial Fundamentals for Communication Professionals	1
JMC 054 - Reporting and Writing Principles	3
JMC 055 - Digital Media Strategies	3
JMC 059 - Introduction to Visual Communication	3
JMC 104 - Communication Law and Ethics	3
POLS 001 - American Political System	3
SCSS XXX -	3
Non-SJMC courses - <i>Select 72 credits of courses not offered within the SJMC. At least 48 of those credits must come from the College of Arts &amp; Sciences and must include POLS 001 and one course in sociology (SCSS). ECON 002, ECON 010, STAT 040, STAT 050, STAT 060, STAT 071, entrepreneurship (ENTR), and Health Sciences (HSCI) count as Arts &amp; Sciences credit. At least 40 credits must be in courses numbered 100 or higher.</i>	80
Area of Concentration - <i>All SJMC majors must complete a 21-credit block of courses not offered within the SJMC. This block must be approved by the student's adviser and dean. At least 12 of these credits must be in courses numbered 100 or higher. Courses taken to satisfy requirements in other areas may also count toward this requirement.</i>	21
Multimedia Journalism Major Courses	
HIST 076 - America from 1877 to Present	3
JMC 063 - Video for Journalists	3
JMC 070 - Media Editing	3
JMC 098 - Advanced Reporting	3
JMC 103 - Public Affairs Reporting	3
JMC 105 - Web Page Design	3
JMC 172 - Journalism Capstone	3
Writing and Creation Elective (Choose One)	
JMC 057 - Video Production	3
JMC 067 - Digital Audio Writing and Production	3
JMC 075 - Digital Photography	3
JMC Electives - <i>select with advisor</i>	5
TOTAL	124





## Public Relations

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

Bachelor of Arts in Journalism and Mass Communication (B.A.J.M.C.) with a major in Public Relations

Public Relations web page <https://catalog.drake.edu/undergraduate/sjmc/areas/pr/>

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### Overview

Public relations professionals work to establish and maintain mutually beneficial relationships between an organization/client and its constituents. They work in a variety of settings: corporate, small business, government, and political campaigns, nonprofit organizations, agencies and PR counseling firms. Drake PR students exercise the research, planning and communication skills they are developing as they work with “real world” clients in each of their PR classes.

The public relations major enrolls about 130 students. Average class size is 20 students.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 115 accredited programs worldwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake’s program has been continuously accredited, most recently in 2011.

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### Degree Requirements

- Meet all requirements of the Drake Curriculum
- Maintain a 2.0 grade point average during the first 30 credit hours
- Maintain a 2.25 grade point average at Drake after the 30th credit hour
- Maintain a 2.25 grade point average in SJMC course work after the 30th credit hour

Students should work with their advisers to ensure selection of courses best-suited to their educational and career objectives. Please see Graduation Requirements (<https://catalog.drake.edu/undergraduate/sjmc/gradreq/>) and Regulations (<https://catalog.drake.edu/undergraduate/sjmc/regs/>) sections of the catalog for additional information.

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### Public Relations Major Requirements

- All Public Relations courses are sequential and must be completed prior to moving along in the curriculum. Some allowances have been made on a case-by-case basis for transfer students and others changing majors.

- Graduating early is a possibility, but students must plan for a year-long capstone beginning in the fall semester.
- Internship experiences may be available for 1-3 credit hours, and they must be pre-approved by a Public Relations faculty member.
- It is possible to study abroad as a Public Relations major, but students may not do so while they are completing their capstone.

Required courses for the Public Relations major are as follows:

Course	Credits
<b>School of Journalism and Mass Communication Core Courses</b>	
INTD 025 - Bulldog Foundations	1
JMC 030 - Mass Media in a Global Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-Professional Workshop	1
JMC 041 - Financial Fundamentals for Communication Professionals	1
JMC 054 - Reporting and Writing Principles	3
JMC 055 - Digital Media Strategies	3
JMC 059 - Introduction to Visual Communication	3
JMC 104 - Communication Law and Ethics	3
POLS 001 - American Political System	3
SCSS XXX -	3
Non-SJMC courses - Select 72 credits of courses not offered within the SJMC. At least 48 of those credits must come from the College of Arts & Sciences and must include POLS 001 and one course in sociology (SCSS). ECON 002, ECON 010, STAT 040, STAT 050, STAT 060, STAT 071, entrepreneurship (ENTR), and Health Sciences (HSCI) count as Arts & Sciences credit. At least 40 credits must be in courses numbered 100 or higher.	80
Area of Concentration - All SJMC majors must complete a 21-credit block of courses not offered within the SJMC. This block must be approved by the student's adviser and dean. At least 12 of these credits must be in courses numbered 100 or higher. Courses taken to satisfy requirements in other areas may also count toward this requirement.	21
<b>Public Relations Major Courses</b>	
ECON 002 - Principles of Microeconomics	3
JMC 085 - Public Relations Principles	3
JMC 123 - Public Relations Writing	3
JMC 136 - Public Relations Research	3
JMC 143 - Public Relations Planning and Management	3
JMC 144 - Case Studies Analysis	3
JMC 146 - Public Relations Campaign Strategy	3
MKTG 101 - Marketing Principles	3

MGMT 110 - Organizational Behavior	3
PSY 001 - Introduction to Psychology	4
<b>TOTAL</b>	<b>124</b>

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## Strategic Political Communication

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Program Option

Bachelor of Arts in Journalism and Mass Communication (B.A.J.M.C.) with a major in Strategic Political Communication

Strategic Political Communication web page <https://catalog.drake.edu/undergraduate/sjmc/areas/spc/>

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### Overview

Strategic Political Communication majors gain the skills to communicate effectively within and through a complex media environment, enabling them to pursue a career in advocacy, political campaigns, government relations and related fields.

The Strategic Political Communication major enrolls about 12 students. Average class size is 20 students.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 115 accredited programs worldwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2011.

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### Degree Requirements

- Meet all requirements of the Drake Curriculum
- Maintain a 2.0 grade point average during the first 30 credit hours
- Maintain a 2.25 grade point average at Drake after the 30th credit hour
- Maintain a 2.25 grade point average in SJMC course work after the 30th credit hour

Students should work with their advisers to ensure selection of courses best-suited to their educational and career objectives. Please see Graduation Requirements (<https://catalog.drake.edu/undergraduate/sjmc/gradreq/>) and Regulations (<https://catalog.drake.edu/undergraduate/sjmc/regs/>) sections of the catalog for additional information.

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### Strategic Political Communication Major Requirements

Required courses for the Strategic Political Communication major are as follows:

Course	Credits
School of Journalism and Mass Communication Core Courses	

INTD 025 - Bulldog Foundations	1
JMC 030 - Mass Media in a Global Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-Professional Workshop	1
JMC 041 - Financial Fundamentals for Communication Professionals	1
JMC 054 - Reporting and Writing Principles	3
JMC 055 - Digital Media Strategies	3
JMC 059 - Introduction to Visual Communication	3
JMC 104 - Communication Law and Ethics	3
POLS 001 - American Political System	3
SCSS XXX -	3
Non-SJMC courses - Select 72 credits of courses not offered within the SJMC. At least 48 of those credits must come from the College of Arts & Sciences and must include POLS 001 and one course in sociology (SCSS). ECON 002, ECON 010, STAT 040, STAT 050, STAT 060, STAT 071, entrepreneurship (ENTR), and Health Sciences (HSCI) count as Arts & Sciences credit. At least 40 credits must be in courses numbered 100 or higher.	80
Area of Concentration - All SJMC majors must complete a 21-credit block of courses not offered within the SJMC. This block must be approved by the student's adviser and dean. At least 12 of these credits must be in courses numbered 100 or higher. Courses taken to satisfy requirements in other areas may also count toward this requirement.	21
Strategic Political Communication Major Courses	
JMC 085 - Public Relations Principles	3
JMC 088 - Introduction to Strategic Political Communication	3
JMC 123 - Public Relations Writing	3
JMC 138 - Organizational Public Affairs	3
JMC 143 - Public Relations Planning and Management	3
JMC 147 - SPC Capstone	3
POLS 113 - American Electoral Process	3
POLS 116 - Media and Modern Politics	3
POLS 095 - Methods in Politics, or SCSS 159 - Methods of Social Research, or STAT 050 - Statistics for Social Science	3 3 3
SCSR 128 - Argumentation and Advocacy	3
Electives - Select six credits from the following:	
JMC 076 - Advertising Principles	3
JMC 099 - Special Topics	3
POLS 114 - Public Opinion	3
POLS 166 - Comparative Political Parties	3
<b>TOTAL</b>	<b>124</b>

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## Journalism Major / Law Degree 3+3

*The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years [here: www.drake.edu/catalog/](http://www.drake.edu/catalog/).*

### Program Overview

The journalism/law 3+3 program allows students to complete virtually all journalism and mass communication (SJMC) requirements in the first three years, including requirements for a specific undergraduate SJMC major. If admitted to the Drake University Law School, the student then counts Law School courses taken in the fourth year as the area of concentration required of all journalism majors. The fourth year also constitutes the student's first year in Drake Law School.

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### Required Credit Hours and Courses for a Major

Thirty-two to 38 credits must be completed in an SJMC major. All SJMC students complete the following required classes:

Course	Credits
School of Journalism and Mass Communication Core Courses	
INTD 025 - Bulldog Foundations	1
JMC 030 - Mass Media in a Global Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-Professional Workshop	1
JMC 041 - Financial Fundamentals for Communication Professionals	1
JMC 054 - Reporting and Writing Principles	3
JMC 055 - Digital Media Strategies	3
JMC 059 - Introduction to Visual Communication	3
JMC 104 - Communication Law and Ethics	3
POLS 001 - American Political System	3
SCSS XXX -	3
Non-SJMC courses - <i>Select 72 credits of courses not offered within the SJMC. At least 48 of those credits must come from the College of Arts &amp; Sciences and must include POLS 001 and one course in sociology (SCSS). ECON 002, ECON 010, STAT 040, STAT 050, STAT 060, STAT 071, entrepreneurship (ENTR), and Health Sciences (HSCI) count as Arts &amp; Sciences credit. At least 40 credits must be in courses numbered 100 or higher.</i>	80
Area of Concentration - <i>All SJMC majors must complete a 21-credit block of courses not offered within the SJMC. This block must be approved by the</i>	21

<i>student's adviser and dean. At least 12 of these credits must be in courses numbered 100 or higher. Courses taken to satisfy requirements in other areas may also count toward this requirement.</i>	
School of Journalism and Mass Communication Major Courses	varies
Electives - Satisfied by first-year Law School courses	21-24
TOTAL	124

Once a student has successfully completed Law School courses necessary to fulfill the required 124 hours of course work for the bachelor's degree, the bachelor's degree will be awarded. A student may withdraw from the journalism/3+3 law program at any time and complete his/her undergraduate study for the bachelor's degree.

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## Regulations

### Specific Regulations

Students should be familiar with the General Information section of the Drake University catalog, which covers academic requirements that affect all Drake University students. Although assigned an academic adviser, the student is responsible for being familiar with academic regulations and for selecting appropriate courses in the proper sequence to complete degree requirements. Special attention is directed to information concerning advanced placement and college credit by examination, the credit/no credit program, the President's and Deans' lists, international education opportunities, general graduation requirements and academic regulations.

Students also should be familiar with the Drake University Code of Conduct and specific policies relating to academic dishonesty, cheating and plagiarism, especially the SJMC Honors Code. Cheating, plagiarism or dishonesty in academic work is considered cause for expulsion.

### SJMC Academic Regulations

In addition to the University academic regulations, SJMC students working toward a B.A.J.M.C. degree are required to maintain a grade point average (GPA) of 2.25 in both their cumulative (CUM) and journalism (JMC) coursework during any semester after the student has completed 30 credit hours.

#### ***Before 30 credits hours are met:***

- Students falling below a 2.0 in either JMC or CUM but still meeting the University regulations will be placed on SJMC probation. This probation should be viewed as a warning to improve academically or continuing in SJMC is in jeopardy.
- Students falling below a 2.0 GPA CUM and placed on first probation or final probation with the University regulations will be placed on SJMC probation, which could lead to discontinuance in the SJMC.
- If a SJMC student is academically suspended from the University or discontinued in SJMC, the student may not continue in SJMC or re-enroll in SJMC later.
- Transfer students completing fewer than 15 credits at Drake will be warned of a low GPA but not be placed on probation.
- Students transferring into SJMC from another college at Drake must have a CUM of 2.25 to be allowed into the SJMC.

#### ***After 30 credits are met:***

- Students who do not achieve the 2.25 GPA in both CUM and JMC will be placed on probationary continuance in SJMC.
- If the student raises the GPAs above 2.25, the probation is lifted.
- If the student does not raise both GPAs above 2.25 the subsequent semester after probationary continuance the student may not continue in SJMC or re-enroll in the future.

Students must complete 15 to 18 credit hours per semester to graduate in four years. An academic load over 18 credit hours in a semester requires a 3.00 cumulative GPA, or a 2.75 average and permission of the faculty Academic Adjustment Committee. Students employed full-time or part-time should consider carrying lighter class loads.



At least 40 of the 124 credit hours required for graduation must be in courses numbered 100 or above. The last 30 hours of a student's program must be taken at Drake University. Twelve hours of credit may be earned on a credit-no credit (no letter grade) basis in courses that are not part of the basic requirements or part of the major and related courses, including courses in the area of concentration. (See the Credit-No Credit program in the Academic Regulations section of the Drake University undergraduate catalog.)

To ensure some depth and focus, the JMC graduate must complete a 21 credit-hour block of non-JMC courses approved by the advisor and dean. *This concentration, often taken in a single department or as a unified area of concentration crossing departmental lines, is appropriate to the student's major or other special interest.* At least 12 credit hours in the concentration must be in courses numbered 100 and above. Courses taken to satisfy other graduation requirements also may count toward this requirement. No course taken on a credit-no credit basis may be counted toward the area of concentration.

An SJMC student may not take an SJMC course on a credit-no credit or audit basis, unless the course is only offered credit/no credit.

To enroll for any SJMC course requiring a prerequisite, the student must have earned a grade of "C-" or higher in the prerequisite course(s).

To enroll in any SJMC senior-level writing, production or senior capstone course, a student must have a declared SJMC major.

Students without appropriate prerequisite courses may be admitted to classes, if there are compelling reasons, by obtaining the consent of the instructor and/or the approval of the Academic Adjustment Committee.

## Transfer Students

Transfer students majoring in Journalism and Mass Communication may transfer a maximum of 12 journalism credit hours.

## Attendance Policy

The University policy notes, "Students are expected to attend all classes and to be punctual in doing so. They are also expected to complete all assignments for classes that they miss. The individual instructor may set his/her own specific requirements in reference to each class at the beginning of the term. Faculty members are urged to provide an opportunity for students to make up work missed as a result of legitimate absences, including observances of religious holidays."

## Internships

- Maximum of three hours allowed for credit
- Students take for 1, 2, or 3 credits (requires adviser approval)
- Internship forms available on the SJMC "Forms" web site
- Opportunities listed on bulletin boards and in notebooks outside of Internship Coordinator Office and online
- Grade assigned by supervising faculty member (adviser)

All internships for credit should be added before the semester's add period, when possible.

Students registered for fewer than 12 credits at the end of the add period cannot add an internship after the add period has expired. In other words, if adding internship credit changes a student's status from part-time to full-time, the internship cannot be added. These students may add their internship credits to the next semester. If the next semester is summer, students are required to pay the summer rate for each credit hour. If, in any semester, the internship hours, along with the student's other coursework exceeds 18 credit hours, the over-hours fee will apply. Students may not hold internship credit past the next semester.

Students registered for 12 credits or more at the end of the add period may add the internship credits at the time the internship becomes available. The deadline will be the Friday before finals of each semester.

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## Graduation Requirements

All students working for a bachelor's degree at Drake must complete the Drake Curriculum Areas of Inquiry or Honors curriculum. A minimum of 124 total credits are required to graduate.

In addition, all SJMC majors must meet the following degree requirements:

- Meet all requirements of the Drake Curriculum
- Complete a minimum of 124 total credit hours
- Complete 72 credit hours outside of the SJMC course list; 48 of those hours must be Arts and Science credits
- 40 upper level credits
- Declare an Area of Concentration with SJMC adviser
- Maintain a 2.0 grade point average during the first 30 credit hours
- Maintain a 2.25 grade point average at Drake after the 30th credit hour

Students should work with their advisers to ensure selection of courses best-suited to their educational and career objectives. Please see [Regulations](https://catalog.drake.edu/undergraduate/sjmc/gradreq/) (<https://catalog.drake.edu/undergraduate/sjmc/gradreq/>) section of the catalog for additional information.

All SJMC majors must successfully complete SJMC core and requirements for their major.

Course	Credits
INTD 025 - Bulldog Foundations	1
JMC 030 - Mass Media in a Global Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-Professional Workshop	1
JMC 041 - Financial Fundamentals for Communication Professions	1
JMC 054 - Reporting & Writing Principles	3
JMC 055 - Digital Strategies	3
JMC 059 - Introduction to Visual Communication	3
JMC 104 - Communication Law and Ethics	3
POLS 001 - American Political System	3
SCSS xxx	3

Some majors in the School of Journalism and Mass Communication require other non-SJMC courses.

### First-Year SJMC Major Curriculum

Entering first-year SJMC majors should enroll in JMC 030 (Mass Media in a Global Society), JMC 031 (Multimedia Lab), a First Year Seminar, and INTD 025 (Bulldog Foundations). Other classes aimed at satisfying general education requirements should be taken for a total of 14 or 16 credit hours.

In the second semester of the first year, SJMC majors should meet with their SJMC adviser to choose from among the introductory SJMC classes, including:

- JMC 054 - Reporting and Writing Principles — an introductory media-writing course required for all SJMC majors
- JMC 059 - Introduction to Visual Communication — a survey of visual communication design and technology course required for all SJMC majors

The remainder of the second-semester schedule is chosen, in consultation with the student's academic adviser, to satisfy general education requirements.

### Students with Sophomore Status and Above

Students should work toward completing all Drake Curriculum requirements by the end of their junior year. All SJMC majors build to a senior capstone, and prerequisites are required for most upper-level coursework. Students are advised to complete coursework from lower level (numbered courses below 100) to upper level (above 100). Students must also take into consideration that some required classes are offered only once a year.

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# Drake Law School

For complete information on Drake Law School and the admission policies and procedures, academic and graduation requirements, special programs and financial aid opportunities, contact the Law School Office of Admission toll-free, 800-44-DRAKE, extension 2782 or 515-271-2782.

Drake Law School offers a high-quality legal education that provides students with essential lawyering skills as well as opportunities for specialization. The Law School actively seeks to attract and admit students from a wide variety of backgrounds and accepts qualified students with undergraduate degrees in any academic area. Students need not have completed an undergraduate pre-law program to be eligible for admission.

The Law School's outstanding faculty members have all practiced law before teaching, and this law in action perspective enables them to bring a balance of theory and practice to their teaching and scholarship. They share a commitment to teaching, public service, and scholarship, regularly publishing books, chapters and articles. The school's first-class facilities include the award-winning Dwight D. Opperman Hall and Law Library and state-of-the-art Neal and Bea Smith Legal Clinic. The Law School has won national recognition for its instruction on legal ethics and professionalism throughout the curriculum, legal writing, intellectual property, and advocacy and dispute resolution, and its commitment to public service.

Drake Law School has been nationally recognized among the “Best Law Schools in Practical Training” with its experiential education courses striking the optimum balance between theory and practice. Drake Law Students have ample opportunities to use the legal theories they learn in class. They represent clients at the Neal and Bea Smith Law Center’s Legal Clinic and Joan and Lyle Middleton Center for Children’s Rights, and intern for state and federal judges at the trial and appellate levels, with state and federal administrative agencies, the Iowa Legislature, state prosecutors and legal aid programs; and work for insurance companies, law firms and private companies in Iowa’s capitol city. Des Moines serves as an excellent legal laboratory; approximately 85 percent of Drake law students either have clerkship opportunities or work part-time in the legal field during the education at Drake.

Refer to the [Law School web site \(https://www.drake.edu/law/\)](https://www.drake.edu/law/) for more information regarding the Drake Law School.

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## Mission Statement

Drake Law School prepares graduates to promote justice, serve their communities, and uphold the ideals of ethics and professionalism.

We cultivate critical thinking and professional skills, provide opportunities to acquire global perspectives, and engage in public service.

We foster an exceptional learning environment in a welcoming and inclusive community distinguished by accessible and accomplished faculty and staff and a collegial student body.

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## Degree Programs

## Doctor of Jurisprudence (J.D.)

The J.D. program is for students with a four-year bachelor's degree who wish to practice law in any state. Visit the Drake Law School for more information regarding admission, costs, financial aid, and other information pertaining to the Doctor of Jurisprudence degree.

## Master of Jurisprudence (M.J.)

Drake's graduate law program is open to both American and international students on a full-time or part-time basis. The Master of Jurisprudence program is open to students who have received a bachelor's degree, but have not earned a J.D. or its foreign equivalent. Credits earned as an M.J. student are not transferrable should a student later decide to pursue the J.D. program.

## Master of Laws (LL.M.)

Drake Law School's graduate law program, open both to American and international students on a full-time or part-time basis, allows each student to pursue an individualized course of study toward an LL.M. (Master of Laws) degree. Drake Law offers an LL.M. in Individualized Legal Studies, Intellectual Property Law, and Compliance and Risk Management. The LL.M. is an internationally recognized higher academic degree which establishes that the recipient has achieved an advanced understanding of U.S. and international legal principles and is qualified to compete effectively in the globalized legal environment. Any applicant who holds a J.D. (Juris Doctorate) degree from an ABA-accredited law school, an LL.B., or an equivalent degree from a foreign law school is eligible for the LL.M. An LL.M. degree is ideal for American students who seek an advanced curriculum that facilitates their transition to practice or for practitioners who seek to expand their practices into new areas. For an international student, an LL.M. attests to the student's knowledge and understanding of American law and culture, as well as to the student's English language proficiency. An international student who wishes to practice in the U.S. and who holds an LL.M. may, in some states, sit for the state bar exam and obtain a license to practice law in the United States.

## Joint Degree Programs

### *3+3 Option*

Under the 3+3 option, qualified Drake University undergraduate students in the College of Arts and Science, College of Business and Public Administration and the School of Journalism and Mass Communication may complete both the undergraduate and J.D. degree requirements by enrolling for three years each in the undergraduate program and the Law School.

Admission to Law School under the 3+3 option is not guaranteed. Applicants are required to take the LSAT entrance exam and must meet regular admission standards. Candidates also must have completed substantially all undergraduate work and must be able to obtain the undergraduate degree through credited work completed in first-year law courses.

Candidates are advised to consult their undergraduate advisers concerning the undergraduate degree requirements.

*Doctor of Jurisprudence/ Doctor of Pharmacy (J.D. / Pharm.D.)*

Qualified students enrolled in the Drake University College of Pharmacy and Health Sciences Doctor of Pharmacy (PharmD) degree program may complete both the pharmacy degree and the JD degree requirements in eight years rather than the usual nine. Students typically begin the law program in the summer following the third year of the pharmacy program.

Candidates are advised to consult both the Law School and the College of Pharmacy and Health Sciences concerning the admission requirements for this option.

*Doctor of Jurisprudence / Master of Business Administration (J.D. / M.B.A.)*

Students considering careers in commercial or corporate law find this option useful. Both degrees can be completed in six semesters and two summers. The program is administered jointly by Drake Law School and Drake's College of Business and Public Administration.

*Doctor of Jurisprudence / Master of Public Administration (J.D. / M.P.A.)*

This program, also administered cooperatively by Drake Law School and Drake's College of Business and Public Administration, combines legal studies with a multi-disciplinary professional education in public management and policy. This program can be completed in six semesters and two summers.

*Doctor of Jurisprudence / Master of Arts in Political Science (J.D. / M.A.)*

This program is administered by Drake Law School in cooperation with the Iowa State University Department of Political Science. This combination of studies provides students with a firm understanding of law as well as the theories, concepts and tools of sophisticated political analysis that position them for a wide variety of career options.

*Doctor of Jurisprudence / Master of Science in Agricultural Economics (J.D. / M.S.)*

Students who combine the study of law and economics develop critical and analytical skills in both disciplines that can make them valuable to employers in business, financial institutions, labor and government. This program is administered jointly by Drake Law School and the Iowa State University Department of Economics and can be completed in six semesters and two summers.

*Doctor of Jurisprudence / Master of Social Work (J.D./M.S.W.)*

Students interested in family relations and working with low-income families find this option useful. Administered jointly by Drake Law School and the University of Iowa, whose courses are available in Des Moines, this program allows law students to receive up to nine credit hours for work in the Master of Social Work program.

*Doctor of Jurisprudence / Master of Public Health (J.D. / M.P.H.)*

This program, administered jointly by Drake Law School and Des Moines University College of Health Sciences, is a wonderful option for students interested in public health law. Graduates will be prepared to serve in a variety of settings, including federal health and human services agencies, state departments of public health,

local boards of public health, public and private health care providers, private law firms, and public and private agencies and organizations devoted to health promotion and disease prevention.

*Doctor of Jurisprudence / Master of Health Administration (J.D. / M.H.A.)*

This program, also administered jointly by Drake Law School and Des Moines University College of Health Sciences, combines legal studies with a multi-disciplinary professional education in health services administration and leadership. Graduates will be prepared to serve in a variety of positions, including executive and management positions at hospitals, academic medical centers, other health care providers, and health care payors.

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# College of Pharmacy and Health Sciences

## College Vision Statement

A diverse community of learners leading the way to a healthy world.

## College Mission Statement

**Preparing today's learners to be tomorrow's health care leaders.**

The College of Pharmacy and Health Sciences provides an intellectually stimulating learning environment with collaborative learning among students, faculty and staff. Graduates are liberally educated professionals who are dedicated to serving their clients, patients, profession and communities. The college emphasizes excellence and leadership in professional education, service and scholarship.

## Pharmacy History

The first college of pharmacy in Des Moines was the Iowa College of Pharmacy. It was organized in 1882. This college affiliated with Drake University in 1887 and operated as one of the colleges of the University until 1906 when it was discontinued.

The Highland Park College of Pharmacy was organized in Des Moines in 1889. Highland Park College, in 1918, changed its name to Des Moines University, with the college of pharmacy continuing as an integral part of the university.

In 1927, the faculty of the College of Pharmacy of Des Moines University organized an independent college of pharmacy, the Des Moines College of Pharmacy. This college operated as an independent institution from 1927 until 1939, when the Des Moines College of Pharmacy Corporation was dissolved and the college's staff and facilities became part of Drake University.

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## [Areas of Study](#)

## Faculty

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*2019-2020 Drake University Graduate and Professional Programs Catalog*

# Areas of Study

The College of Pharmacy and Health Sciences offers the following programs:

## Pharmacy

- Doctor of Pharmacy (Pharm.D.)
- Joint Degree Programs
  - Doctor of Pharmacy - Juris Doctor
  - Doctor of Pharmacy - Master of Business Administration
  - Doctor of Pharmacy - Master of Public Administration
  - Doctor of Pharmacy - Master of Science in Leadership Development
  - Doctor of Pharmacy - Master of Public Health (Des Moines University)
- Diabetes Concentration

## Health Sciences

- Bachelor of Science (B.S.) with a degree in Health Sciences
  - Clinical and Applied Sciences track
  - Health Care Administration & Public Health track
- Joint Degree Programs
  - Clinical and Applied Sciences / Juris Doctor
  - Clinical and Applied Sciences / Medical Lab Sciences Certificate (Mercy College of Health Sciences)
  - Clinical and Applied Sciences / Bachelor of Science in Nursing (Mercy College of Health Sciences)
  - Clinical and Applied Sciences / Bachelor of Science in Nursing (Allen College)
  - Clinical and Applied Sciences / Master of Science in Biomedical Science (Des Moines University)
  - Health Care Administration & Public Health / Juris Doctor
  - Health Care Administration & Public Health / Master of Business Administration
  - Health Care Administration & Public Health / Master of Public Administration
  - Health Care Administration & Public Health / Master of Health Care Administration (Des Moines University)
  - Health Care Administration & Public Health / Master of Public Health (Des Moines University)

## Athletic Training

- Pre-Athletic Training: Bachelor of Science (B.S.) with a major in Health Sciences
- Master of Science in Athletic Training

## Occupational Therapy

- Pre-Occupational Therapy: Bachelor of Science (B.S.) with a major in Health Sciences
- Occupational Therapy Doctorate (OTD)

## Interdisciplinary

- Global and Comparative Public Health Concentration
-

# Doctor of Pharmacy

## Degree Options

- Doctor of Pharmacy (Pharm.D.)
  - Doctor of Pharmacy - Juris Doctor
  - Doctor of Pharmacy - Master of Business Administration
  - Doctor of Pharmacy - Master of Public Administration
  - Doctor of Pharmacy - Master of Science in Leadership Development
  - Doctor of Pharmacy - Master of Public Health (Des Moines University)
- Diabetes Concentration

Admission Requirements <https://catalog.drake.edu/undergraduate/cphs/areas/pharmd/#ADMISSION>

Regulations and Academic Requirements

<https://catalog.drake.edu/undergraduate/cphs/areas/pharmd/#PHREGREQ>

Doctor of Pharmacy web site <https://catalog.drake.edu/undergraduate/cphs/areas/pharmd/>

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## Program Overview

The practice of pharmacy is an integral part of total health care. The pharmacist serves as a vital source of drug use information for other health care professionals and members of the community. The special knowledge of the pharmacist can maximize the effectiveness of disease treatment and minimize the possibility of adverse effects that could develop during drug therapy of diseases.

Pharmacy practice environments are diverse and challenging. While many graduates pursue careers in community and hospital pharmacy, others choose careers in the pharmaceutical industry, research, government service, consultant pharmacy or other diverse professional specialties.

The principal goal of the pharmacy program, accredited by the Accreditation Council for Pharmacy Education, is to provide an educational experience that prepares graduates for careers in pharmacy. The curriculum provides a balance between theoretical principles, practical applications and structured practice experience. Since 1984, pharmacy graduates have enjoyed a placement rate near 100%.

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## Pharmacy History

The first college of pharmacy in Des Moines was the Iowa College of Pharmacy. It was organized in 1882. This college affiliated with Drake University in 1887 and operated as one of the colleges of the University until 1906 when it was discontinued.

The Highland Park College of Pharmacy was organized in Des Moines in 1889. Highland Park College, in 1918, changed its name to Des Moines University, with the college of pharmacy continuing as an integral part of the university.

In 1927, the faculty of the College of Pharmacy of Des Moines University organized an independent college of pharmacy, the Des Moines College of Pharmacy. This college operated as an independent institution from 1927 until 1939, when the Des Moines College of Pharmacy Corporation was dissolved and the college's staff and facilities became part of Drake University.

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## Educational Goals and Objectives

The purpose of the Pharmacy Professional Program is to provide the graduate with the relevant knowledge base, skills, attitudes, ethics and values to engage in the entry-level practice of pharmacy. The curriculum is designed to provide the graduate with competence in the following areas established by the Center for the Advancement of Pharmaceutical Education (CAPE):

**1.1. Learner (Learner)** - Develop, integrate, and apply knowledge from the foundational sciences (i.e., *pharmaceutical, social/behavioral/administrative, and clinical sciences*) to evaluate the scientific literature, explain drug action, solve therapeutic problems, and advance population health and *patient-centered care*.

**2.1. Patient-centered care (Caregiver)** - Provide *patient-centered care* as the medication expert (collect and interpret evidence, prioritize, formulate assessments and recommendations, implement, monitor and adjust plans, and document activities).

**2.2. Medication use systems management (Manager)** - Manage patient healthcare needs using human, financial, technological, and physical resources to optimize the safety and efficacy of medication use systems.

**2.3. Health and wellness (Promoter)** - Design prevention, intervention, and educational strategies for individuals and communities to manage chronic disease and improve health and wellness.

**2.4. Population-based care (Provider)** - Describe how *population-based care* influences *patient-centered care* and influences the development of practice guidelines and evidence-based best practices.

**3.1. Problem Solving (Problem Solver)** – Identify problems; explore and prioritize potential strategies; and design, implement, and evaluate a viable solution.

**3.2. Educator (Educator)** – Educate all audiences by determining the most effective and enduring ways to impart information and assess understanding.

**3.3. Patient Advocacy (Advocate)** - Assure that patients' best interests are represented

**3.4. Interprofessional collaboration (Collaborator)** – Actively participate and engage as a healthcare team member by demonstrating mutual respect, understanding, and values to meet patient care needs.

**3.5. Cultural sensitivity (Includer)** - Recognize *social determinants of health* to diminish disparities and inequities in access to quality care.

**3.6. Communication (Communicator)** – Effectively communicate verbally and nonverbally when interacting with an individual, group, or organization.

**4.1. Self-awareness (Self-aware)** – Examine and reflect on personal knowledge, skills, abilities, beliefs, biases, motivation, and emotions that could enhance or limit personal and professional growth.

**4.2. Leadership (Leader)** - Demonstrate responsibility for creating and achieving shared goals, regardless of position.

**4.3. Innovation and Entrepreneurship (Innovator)** - Engage in innovative activities by using creative thinking to envision better ways of accomplishing professional goals.

**4.4. Professionalism (Professional)** - Exhibit behaviors and values that are consistent with the trust given to the profession by patients, other healthcare providers, and society.

Upon graduation from the Drake University pharmacy program, the graduate also shall fulfill the outcomes of the Drake Curriculum.

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## Admission Requirements

Students may apply to the College of Pharmacy and Health Sciences as pre-pharmacy students. Students admitted to the College of Pharmacy and Health Sciences as pre-pharmacy students are selected from a pool of applicants who have met a priority application deadline of Dec. 1. Students admitted into Drake's pre-pharmacy program are offered the Drake Pharm.D. Difference, through which students receive full consideration for the professional program. In addition, they are assigned a pharmacy faculty advisor, are able to belong to professional student organizations, and participate in orientation courses and interview preparation activities. The PCAT is not required for students who are part of Drake's Pharm.D. Difference. Additional information is available at [www.drake.edu/pharmacy/pre-pharmacy/pre-pharmacyadmission/](http://www.drake.edu/pharmacy/pre-pharmacy/pre-pharmacyadmission/).

Students who are not selected for pre-pharmacy admission to the College of Pharmacy and Health Sciences may be admitted to their second choice program. These students may apply for admission to the professional level of the pharmacy program once all prerequisites are completed. The PCAT is required for any student who was not admitted to into Drake's pre-pharmacy program.

Students who have completed the pre-pharmacy course requirements at other institutions may also apply to the professional program.

All students desiring to enter the professional program must complete the Pharmacy Centralized Application Services ([www.PharmCAS.org](http://www.PharmCAS.org)) application and the College of Pharmacy and Health Sciences Supplemental Application Form.

Additional information regarding the admission process for pre-pharmacy and professional programs can be viewed at [www.drake.edu/pharmacy/pre-pharmacy/pre-pharmacyadmission/](http://www.drake.edu/pharmacy/pre-pharmacy/pre-pharmacyadmission/).

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## Requirements for Major

211 credits required.

The four-year professional program is preceded by two years of pre-professional coursework. The curriculum for the pre-pharmacy and professional programs can be viewed at <http://www.drake.edu/pharmacy/doctorofpharmacy/pharmdcurriculum/>. Please note that courses in the professional program may change.

<b>Course</b>	<b>Credits</b>
BIO 095 - Medical Microbiology	3
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
CHEM 001 - General Chemistry I lecture	3
CHEM 002 - General Chemistry II lecture	3
CHEM 003 - General Chemistry I lab	1
CHEM 004 - General Chemistry II lab	1
CHEM 097 - Organic Chemistry I lecture	3
CHEM 098 - Organic Chemistry I lab	1
CHEM 108 - Organic Chemistry II	3
CHEM 110 - Organic Chemistry II lab	1
FYS 0-- - First Year Seminar	3
HSCI 141 – Human Anatomy	3
HSCI 141L – Human Anatomy Lab	1
MATH 050 - Calculus I	4
PHAR 011 - CAPS I (Career, Academic & Professional Success)	.5
PHAR 031 - CAPS II (Career, Academic & Professional Success)	.5
PHAR 051 - CAPS III (Career, Academic & Professional Success)	.5
PHAR 071 - CAPS IV (Career, Academic & Professional Success)	.5
PHAR 122 - Continuing Professional Development (CPD) I	1
PHAR 123 - Continuing Professional Development (CPD) II	1
PHAR 125 - Physiology	4
PHAR 130 - Biochemistry	4
PHAR 131 - Intro to Pharm Science	3
PHAR 132 - Pathophysiology	4
PHAR 133 - Principles of Drug Action I	5
PHAR 134 - Principles of Drug Action II	5
PHAR 135 - Principles of Drug Action III	4
PHAR 138 - Pharmaceutical Calculations	2
PHAR 140 - Pharmaceutics I	2
PHAR 141 - Pharmaceutics II	3
PHAR 142 - Kinetics	3
PHAR 143 - Therapeutic Drug Monitoring	2

PHAR 144 - Basic Pharmacy Skills & Applications I	2
PHAR 145 - Basic Pharmacy Skills & Applications II	2
PHAR 154 - Intermediate Pharmacy Skills & Applications I	2
PHAR 155 - Intermediate Pharmacy Skills & Applications II	2
PHAR 162 - Pharmacy Law & Ethics	3
PHAR 167 - Continuing Professional Development (CPD) III	1.5
PHAR 168 - Continuing Professional Development (CPD) IV	1.5
PHAR 169 – Self-Care and Non-Prescriptive Products	3
PHAR 171 – Health Care Systems and Policies	3
PHAR 172 - Literature Evaluation Methods	3
PHAR 173 - Applied Social and Administrative Pharmacy	3
PHAR 174 - Management in Pharmacy	3
PHAR 175 - Continuing Professional Development (CPD) V	2
PHAR 176 - Continuing Professional Development (CPD) VI	2
PHAR 184 - Advanced Pharmacy Skills & Applications I	2
PHAR 185 - Advanced Pharmacy Skills & Applications II	2
PHAR 190 - Therapeutics I	3
PHAR 191 - Therapeutics II	5
PHAR 192 - Therapeutics III	5
PHAR 285 - Rotations	22
PHAR 285 - Rotations	18
SCSR 073 - Public Speaking	3
STAT 060 - Statistics for the Life Sciences	3
Drake Curriculum / General Electives	27
Pharmacy Professional Electives	6
<b>Total</b>	<b>211</b>

General Education Electives: Students complete the Drake Curriculum requirements and other credits for a total of 27 credits. Drake Curriculum requirements not fulfilled through required coursework:

- Artistic Experience AOI
- Historical Foundations AOI (two courses)
- Global and Cultural Understanding AOI
- Written Communication AOI

Professional Electives: Six credits are required and completed during the professional program.

P1 students are required to complete 40 hours of IPPE for Hospital/Institutional Practice I during the summer between the P1 and P2 years, and complete 80 hours of IPPE for Community Practice II during the summer between the P2 & P3 year.

## Joint Degree Programs

### Doctor of Pharmacy / Juris Doctor

Students may elect to earn both a Doctor of Pharmacy degree and a Juris Doctor (law) degree in a joint degree program offered in cooperation with the Drake Law School. The program allows students to focus their education on legal and health care issues. Participating students are admitted first to the College of Pharmacy and Health Sciences. A student pursuing this program should plan to take the LSAT and formally apply to the Law School during the spring semester of the first professional year. Each student's schedule is tailored individually in consultation with the joint degree adviser.

Course	Credits
BIO 095 - Medical Microbiology	3
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
CHEM 001 - General Chemistry I lecture	3
CHEM 002 - General Chemistry II lecture	3
CHEM 003 - General Chemistry I lab	1
CHEM 004 - General Chemistry II lab	1
CHEM 097 - Organic Chemistry I lecture	3
CHEM 098 - Organic Chemistry I lab	1
CHEM 108 - Organic Chemistry II	3
CHEM 110 - Organic Chemistry II lab	1
FYS 0-- - First Year Seminar	3
HSCI 141 – Human Anatomy	3
HSCI 141L – Human Anatomy Lab	1
LAW --- - Law Courses	24
MATH 050 - Calculus I	4
PHAR 011 - CAPS I (Career, Academic & Professional Success)	.5
PHAR 031 - CAPS II (Career, Academic & Professional Success)	.5
PHAR 051 - CAPS III (Career, Academic & Professional Success)	.5
PHAR 071 - CAPS IV (Career, Academic & Professional Success)	.5
PHAR 122 - Continuing Professional Development (CPD) I	1
PHAR 123 - Continuing Professional Development (CPD) II	1
PHAR 125 - Physiology	4
PHAR 130 - Biochemistry	4
PHAR 131 - Intro to Pharm Science	3
PHAR 132 - Pathophysiology	4
PHAR 133 - Principles of Drug Action I	5
PHAR 134 - Principles of Drug Action II	5
PHAR 135 - Principles of Drug Action III	4



PHAR 138 - Pharmaceutical Calculations	2
PHAR 140 - Pharmaceutics I	2
PHAR 141 - Pharmaceutics II	3
PHAR 142 - Kinetics	3
PHAR 143 - Therapeutic Drug Monitoring	2
PHAR 144 - Basic Pharmacy Skills & Applications I	2
PHAR 145 - Basic Pharmacy Skills & Applications II	2
PHAR 154 - Intermediate Pharmacy Skills & Applications I	2
PHAR 155 - Intermediate Pharmacy Skills & Applications II	2
PHAR 162 - Pharmacy Law & Ethics	3
PHAR 167 - Continuing Professional Development (CPD) III	1.5
PHAR 168 - Continuing Professional Development (CPD) IV	1.5
PHAR 169 – Self-Care and Non-Prescriptive Products	3
PHAR 171 – Health Care Systems and Policies	3
PHAR 172 - Literature Evaluation Methods	3
PHAR 173 - Applied Social and Administrative Pharmacy	3
PHAR 174 - Management in Pharmacy	3
PHAR 175 - Continuing Professional Development (CPD) V	2
PHAR 176 - Continuing Professional Development (CPD) VI	2
PHAR 184 - Advanced Pharmacy Skills & Applications I	2
PHAR 185 - Advanced Pharmacy Skills & Applications II	2
PHAR 190 - Therapeutics I	3
PHAR 191 - Therapeutics II	5
PHAR 192 - Therapeutics III	5
PHAR 285 - Rotations	22
PHAR 285 - Rotations	18
SCSR 073 - Public Speaking	3
STAT 060 - Statistics for the Life Sciences	3
Drake Curriculum / General Electives	24
Pharmacy Professional Electives	1
<b>Total</b>	<b>223</b>

A total of 211 credits are required to complete the Doctor of Pharmacy degree. Students will be expected to complete the Drake Curriculum requirements. Drake Curriculum requirements not fulfilled through required coursework:

- Artistic Experience AOI
- Historical Foundations AOI (two courses)
- Global and Cultural Understanding AOI
- Written Communication AOI

Students should complete the LSAT and apply to the Drake University Law School during the spring semester of their first professional year.

Students will complete their remaining requirements for the law program after attaining their Doctor of Pharmacy degree.

### Doctor of Pharmacy / Master of Business Administration

Students may earn a Master in Business Administration in conjunction with the Pharm.D. Students who pursue this combination have opportunities in management and administrative positions. This program requires a careful selection of prerequisite courses for the M.B.A. degree as electives in the pharmacy curriculum. Students start at Drake in pharmacy and apply to the College of Business and Public Administration after completing the foundation courses. The combined degree program typically takes an extra semester to complete beyond the pharmacy degree, rather than an extra two years.

<b>Course</b>	<b>Credits</b>
BIO 095 - Medical Microbiology	3
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
BUS 200 - Seminar	1
BUS 200 - Seminar	1
BUS 205 - Dardis Communication Workshop	0
CHEM 001 - General Chemistry I lecture	3
CHEM 002 - General Chemistry II lecture	3
CHEM 003 - General Chemistry I lab	1
CHEM 004 - General Chemistry II lab	1
CHEM 097 - Organic Chemistry I lecture	3
CHEM 098 - Organic Chemistry I lab	1
CHEM 108 - Organic Chemistry II	3
CHEM 110 - Organic Chemistry II lab	1
FYS 0-- - First Year Seminar	3
HSCI 141 – Human Anatomy	3
HSCI 141L – Human Anatomy Lab	1
MATH 050 - Calculus I	4
MBA 200 - Seminar	1
MBA 240 - Corporate Governance & Ethics	3
MBA 242 - Evaluating Organizational Performance	3
MBA 245 - Leading with Data	3
MBA 251 - Creating Customer Value	3
MBA 253 - Enhancing Firm Value	3
MBA 254 - Leadership & Human Capital Development	3

MBA 256 - Information Technology and services Operations	3
MBA 257 - Project Management	3
MBA 260 - Strategic Business Processes	3
PHAR 011 - CAPS I (Career, Academic & Professional Success)	.5
PHAR 031 - CAPS II (Career, Academic & Professional Success)	.5
PHAR 051 - CAPS III (Career, Academic & Professional Success)	.5
PHAR 071 - CAPS IV (Career, Academic & Professional Success)	.5
PHAR 122 - Continuing Professional Development (CPD) I	1
PHAR 123 - Continuing Professional Development (CPD) II	1
PHAR 125 - Physiology	4
PHAR 130 - Biochemistry	4
PHAR 131 - Intro to Pharm Science	3
PHAR 132 - Pathophysiology	4
PHAR 133 - Principles of Drug Action I	5
PHAR 134 - Principles of Drug Action II	5
PHAR 135 - Principles of Drug Action III	4
PHAR 138 - Pharmaceutical Calculations	2
PHAR 140 - Pharmaceutics I	2
PHAR 141 - Pharmaceutics II	3
PHAR 142 - Kinetics	3
PHAR 143 - Therapeutic Drug Monitoring	2
PHAR 144 - Basic Pharmacy Skills & Applications I	2
PHAR 145 - Basic Pharmacy Skills & Applications II	2
PHAR 154 - Intermediate Pharmacy Skills & Applications I	2
PHAR 155 - Intermediate Pharmacy Skills & Applications II	2
PHAR 162 - Pharmacy Law & Ethics	3
PHAR 167 - Continuing Professional Development (CPD) III	1.5
PHAR 168 - Continuing Professional Development (CPD) IV	1.5
PHAR 169 – Self-Care and Non-Prescriptive Products	3
PHAR 171 – Health Care Systems and Policies	3
PHAR 172 - Literature Evaluation Methods	3
PHAR 173 - Applied Social and Administrative Pharmacy	3
PHAR 174 - Management in Pharmacy	3
PHAR 175 - Continuing Professional Development (CPD) V	2
PHAR 176 - Continuing Professional Development (CPD) VI	2
PHAR 184 - Advanced Pharmacy Skills & Applications I	2
PHAR 185 - Advanced Pharmacy Skills & Applications II	2

PHAR 190 - Therapeutics I	3
PHAR 191 - Therapeutics II	5
PHAR 192 - Therapeutics III	5
PHAR 285 - Rotations	22
PHAR 285 - Rotations	18
SCSR 073 - Public Speaking	3
STAT 060 - Statistics for the Life Sciences	3
Drake Curriculum / General Electives	24
Pharmacy Professional Electives	1
<b>Total</b>	<b>230</b>

### Optional summer coursework

Students who wish to complete both degrees in the four professional years will need to plan to complete MBA courses during the summer sessions. This program requires a careful selection of courses for the MBA degree as electives in the pharmacy curriculum. Students may enroll in additional summer coursework or complete final MBA courses after PharmD completion. If the dual curriculum requires more than 18 credit hours in the fall or spring semesters, a credit fee waiver will be requested on the student's behalf. If students wish to take beyond the required credit hours for the semester, they will need to request an "Over 18 Hours Request Form," which can be found in the CPHS Forms Library, and the additional course work will not qualify for an overload fee waiver.

A total of 211 credits are required to complete the Doctor of Pharmacy degree. Students will be expected to complete the Drake Curriculum requirements. Drake Curriculum requirements not fulfilled through required coursework:

- Artistic Experience AOI
- Historical Foundations AOI (two courses)
- Global and Cultural Understanding AOI
- Written Communication AOI

Professional electives (6 credits) are satisfied by M.B.A. coursework. M.B.A. area of specialization is satisfied by pharmacy coursework.

Students must complete the GMAT and be admitted to the M.B.A. program prior to enrolling in M.B.A. courses. Following completion of 90 credit hours and admission into the M.B.A. program, students may enroll in M.B.A. course work.

### Doctor of Pharmacy / Master of Public Administration

Students may earn a Master in Public Administration through a joint program established in cooperation with the College of Business and Public Administration. Students are admitted to the College of Pharmacy and Health Sciences, and during their first professional year may seek admission to the M.P.A. program. Students who pursue this option have management and administrative opportunities in the public sector.

Course	Credits
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BIO 095 - Medical Microbiology	3
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
CHEM 001 - General Chemistry I lecture	3
CHEM 002 - General Chemistry II lecture	3
CHEM 003 - General Chemistry I lab	1
CHEM 004 - General Chemistry II lab	1
CHEM 097 - Organic Chemistry I lecture	3
CHEM 098 - Organic Chemistry I lab	1
CHEM 108 - Organic Chemistry II	3
CHEM 110 - Organic Chemistry II lab	1
FYS 0-- - First Year Seminar	3
HSCI 141 – Human Anatomy	3
HSCI 141L – Human Anatomy Lab	1
MATH 050 - Calculus I	4
MPA 2-- - MPA Courses	27
PHAR 011 - CAPS I (Career, Academic & Professional Success)	.5
PHAR 031 - CAPS II (Career, Academic & Professional Success)	.5
PHAR 051 - CAPS III (Career, Academic & Professional Success)	.5
PHAR 071 - CAPS IV (Career, Academic & Professional Success)	.5
PHAR 122 - Continuing Professional Development (CPD) I	1
PHAR 123 - Continuing Professional Development (CPD) II	1
PHAR 125 - Physiology	4
PHAR 130 - Biochemistry	4
PHAR 131 - Intro to Pharm Science	3
PHAR 132 - Pathophysiology	4
PHAR 133 - Principles of Drug Action I	5
PHAR 134 - Principles of Drug Action II	5
PHAR 135 - Principles of Drug Action III	4
PHAR 138 - Pharmaceutical Calculations	2
PHAR 140 - Pharmaceutics I	2
PHAR 141 - Pharmaceutics II	3
PHAR 142 - Kinetics	3
PHAR 143 - Therapeutic Drug Monitoring	2
PHAR 144 - Basic Pharmacy Skills & Applications I	2
PHAR 145 - Basic Pharmacy Skills & Applications II	2
PHAR 154 - Intermediate Pharmacy Skills & Applications I	2

PHAR 155 - Intermediate Pharmacy Skills & Applications II	2
PHAR 162 - Pharmacy Law & Ethics	3
PHAR 167 - Continuing Professional Development (CPD) III	1.5
PHAR 168 - Continuing Professional Development (CPD) IV	1.5
PHAR 169 – Self-Care and Non-Prescriptive Products	3
PHAR 171 – Health Care Systems and Policies	3
PHAR 172 - Literature Evaluation Methods	3
PHAR 173 - Applied Social and Administrative Pharmacy	3
PHAR 174 - Management in Pharmacy	3
PHAR 175 - Continuing Professional Development (CPD) V	2
PHAR 176 - Continuing Professional Development (CPD) VI	2
PHAR 184 - Advanced Pharmacy Skills & Applications I	2
PHAR 185 - Advanced Pharmacy Skills & Applications II	2
PHAR 190 - Therapeutics I	3
PHAR 191 - Therapeutics II	5
PHAR 192 - Therapeutics III	5
PHAR 285 - Rotations	22
PHAR 285 - Rotations	18
SCSR 073 - Public Speaking	3
STAT 060 - Statistics for the Life Sciences	3
Drake Curriculum / General Electives	24
Pharmacy Professional Electives	1
<b>Total</b>	<b>227</b>

### M.P.A. Course List

- MPA 215 – Changing Environment and Management of Public and Nonprofit Organizations
- MPA 216 – Managing Human Resources as Assets
- MPA 217 - Applying Information, Research and Analysis in Nonprofit and Public Environments
- MPA 220 - Public Budget and Financial Management
- MPA 221 - Public Organizations and Leadership
- MPA 226 - Public Policy Decision Making and Analysis
- MPA 260 – Applying Innovative Solutions to Current Problems (Capstone)

Students in the combined program also complete two electives of 3 credits each.

### Optional summer coursework

Students may enroll in additional summer coursework or complete final MPA courses after PharmD completion. If the dual curriculum requires more than 18 credit hours in the fall or spring semesters, a credit fee waiver will be requested on the student’s behalf. If students wish to take beyond the required credit hours for

the semester, they will need to request an "Over 18 Hours Request Form," which can be found in the CPHS Forms Library, and the additional course work will not qualify for an overload fee waiver.

A total of 211 credits are required to complete the Doctor of Pharmacy degree. Students will be expected to complete the Drake Curriculum requirements. Drake Curriculum requirements not fulfilled through required coursework:

- Artistic Experience AOI
- Historical Foundations AOI (two courses)
- Global and Cultural Understanding AOI
- Written Communication AOI

Professional electives (6 credits) are satisfied by M.P.A. coursework.

Students may enroll in additional summer coursework or complete the final M.P.A. courses after completion of the Doctor of Pharmacy degree requirements.

### Doctor of Pharmacy / Master of Science in Leadership Development

Designed to maximize graduates' development of their leadership strengths, the PharmD/M.S.L.D. allows students the opportunity to complete M.S.L.D. coursework in place of elective course work within the pharmacy curriculum. Students begin at Drake in pharmacy and apply to the School of Education during their first professional year.

Graduates of this program will also learn about opportunities for developing leadership capacity in others, making this an excellent pathway for pharmacy students interested in pursuing management roles, positions of leadership, or academic careers. Graduates can expect to master relational competencies including effective communication, inspiring and involving others, intercultural intelligence, and interpersonal relationships.

This dual degree option prepares pharmacy students for successful careers in a variety of health care and academic settings.

Students who pursue this program should expect to master competencies that include adaptability, critical thinking and decision making, integrity and ethics, professionalism and strategic thinking.

<b>Course</b>	<b>Credits</b>
BIO 095 - Medical Microbiology	3
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
CHEM 001 - General Chemistry I lecture	3
CHEM 002 - General Chemistry II lecture	3
CHEM 003 - General Chemistry I lab	1
CHEM 004 - General Chemistry II lab	1
CHEM 097 - Organic Chemistry I lecture	3
CHEM 098 - Organic Chemistry I lab	1
CHEM 108 - Organic Chemistry II	3

CHEM 110 - Organic Chemistry II lab	1
FYS 0-- - First Year Seminar	3
HSCI 141 – Human Anatomy	3
HSCI 141L – Human Anatomy Lab	1
MATH 050 - Calculus I	4
MSLD 202 - Leadership in Organizations	3
MSLD 203 - Organizational Politics and Influence	3
MSLD 204 - Ethics and Leadership	3
MSLD 205 - Global Leadership	3
MSLD 207 - Inspiring and Involving Others	3
MSLD 208 - Leading Change	3
MSLD 209 - Innovation and Future Thinking	3
MSLD 212 - Learning and Technology	3
PHAR 011 - CAPS I (Career, Academic & Professional Success)	.5
PHAR 031 - CAPS II (Career, Academic & Professional Success)	.5
PHAR 051 - CAPS III (Career, Academic & Professional Success)	.5
PHAR 071 - CAPS IV (Career, Academic & Professional Success)	.5
PHAR 122 - Continuing Professional Development (CPD) I	1
PHAR 123 - Continuing Professional Development (CPD) II	1
PHAR 125 - Physiology	4
PHAR 130 - Biochemistry	4
PHAR 131 - Intro to Pharm Science	3
PHAR 132 - Pathophysiology	4
PHAR 133 - Principles of Drug Action I	5
PHAR 134 - Principles of Drug Action II	5
PHAR 135 - Principles of Drug Action III	4
PHAR 138 - Pharmaceutical Calculations	2
PHAR 140 - Pharmaceutics I	2
PHAR 141 - Pharmaceutics II	3
PHAR 142 - Kinetics	3
PHAR 143 - Therapeutic Drug Monitoring	2
PHAR 144 - Basic Pharmacy Skills & Applications I	2
PHAR 145 - Basic Pharmacy Skills & Applications II	2
PHAR 154 - Intermediate Pharmacy Skills & Applications I	2
PHAR 155 - Intermediate Pharmacy Skills & Applications II	2



PHAR 162 - Pharmacy Law & Ethics	3
PHAR 167 - Continuing Professional Development (CPD) III	1.5
PHAR 168 - Continuing Professional Development (CPD) IV	1.5
PHAR 169 – Self-Care and Non-Prescriptive Products	3
PHAR 171 – Health Care Systems and Policies	3
PHAR 172 - Literature Evaluation Methods	3
PHAR 173 - Applied Social and Administrative Pharmacy	3
PHAR 174 - Management in Pharmacy	3
PHAR 175 - Continuing Professional Development (CPD) V	2
PHAR 176 - Continuing Professional Development (CPD) VI	2
PHAR 184 - Advanced Pharmacy Skills & Applications I	2
PHAR 185 - Advanced Pharmacy Skills & Applications II	2
PHAR 190 - Therapeutics I	3
PHAR 191 - Therapeutics II	5
PHAR 192 - Therapeutics III	5
PHAR 285 - Rotations	22
PHAR 285 - Rotations	18
SCSR 073 - Public Speaking	3
STAT 060 - Statistics for the Life Sciences	3
Drake Curriculum / General Electives	24
<b>Total</b>	<b>224</b>

Professional electives required by the PharmD program (6 credits) will be fulfilled by M.S.L.D. coursework.

Students will typically apply for admission to the M.S.L.D. program during the spring of the P1 year. Additional information, including the admission process, can be obtained at the M.S.L.D. [web site \(https://catalog.drake.edu/graduate/schoolofeducation/programs/masterofscienceleadershipdevelopment/\)](https://catalog.drake.edu/graduate/schoolofeducation/programs/masterofscienceleadershipdevelopment/).

The MSLD 291 (Capstone) course will be fulfilled through the completion of PHAR 173. Students will be invited / welcome to participate in the M.S.L.D. program's poster event.

There is a 5-year time limit for completing the M.S.L.D. degree from the date of admission to the M.S.L.D. program.

### Doctor of Pharmacy / Master of Public Health (Des Moines University)

Designed to maximize graduates' opportunities in the public and non-profit sectors, the Pharm.D./M.P.H. allows students the opportunity to complete M.P.H. course work in place of elective course work within the pharmacy curriculum. Students begin at Drake in pharmacy and apply to the Des Moines University Masters in Public Health during the fall semester of the second professional (P2) year. The combined degree program typically takes an extra semester to complete beyond the pharmacy degree, rather than an extra two years if the two programs were completed individually. Students who wish to complete both degrees in six years will complete M.P.H. courses during the summer sessions.

<b>Course</b>	<b>Credits</b>
BIO 095 - Medical Microbiology	3
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
CHEM 001 - General Chemistry I lecture	3
CHEM 002 - General Chemistry II lecture	3
CHEM 003 - General Chemistry I lab	1
CHEM 004 - General Chemistry II lab	1
CHEM 097 - Organic Chemistry I lecture	3
CHEM 098 - Organic Chemistry I lab	1
CHEM 108 - Organic Chemistry II	3
CHEM 110 - Organic Chemistry II lab	1
FYS 0-- - First Year Seminar	3
HSCI 141 – Human Anatomy	3
HSCI 141L – Human Anatomy Lab	1
MATH 050 - Calculus I	4
MPH 2-- - DMU MPH Courses	12
MPH 6-- - DMU MPH Courses	15
PHAR 011 - CAPS I (Career, Academic & Professional Success)	.5
PHAR 031 - CAPS II (Career, Academic & Professional Success)	.5
PHAR 051 - CAPS III (Career, Academic & Professional Success)	.5
PHAR 071 - CAPS IV (Career, Academic & Professional Success)	.5
PHAR 122 - Continuing Professional Development (CPD) I	1
PHAR 123 - Continuing Professional Development (CPD) II	1
PHAR 125 - Physiology	4
PHAR 130 - Biochemistry	4
PHAR 131 - Intro to Pharm Science	3
PHAR 132 - Pathophysiology	4
PHAR 133 - Principles of Drug Action I	5
PHAR 134 - Principles of Drug Action II	5
PHAR 135 - Principles of Drug Action III	4
PHAR 138 - Pharmaceutical Calculations	2
PHAR 140 - Pharmaceutics I	2
PHAR 141 - Pharmaceutics II	3
PHAR 142 - Kinetics	3

PHAR 143 - Therapeutic Drug Monitoring	2
PHAR 144 - Basic Pharmacy Skills & Applications I	2
PHAR 145 - Basic Pharmacy Skills & Applications II	2
PHAR 154 - Intermediate Pharmacy Skills & Applications I	2
PHAR 155 - Intermediate Pharmacy Skills & Applications II	2
PHAR 162 - Pharmacy Law & Ethics	3
PHAR 167 - Continuing Professional Development (CPD) III	1.5
PHAR 168 - Continuing Professional Development (CPD) IV	1.5
PHAR 169 – Self-Care and Non-Prescriptive Products	3
PHAR 171 – Health Care Systems and Policies	3
PHAR 172 - Literature Evaluation Methods	3
PHAR 173 - Applied Social and Administrative Pharmacy	3
PHAR 174 - Management in Pharmacy	3
PHAR 175 - Continuing Professional Development (CPD) V	2
PHAR 176 - Continuing Professional Development (CPD) VI	2
PHAR 184 - Advanced Pharmacy Skills & Applications I	2
PHAR 185 - Advanced Pharmacy Skills & Applications II	2
PHAR 190 - Therapeutics I	3
PHAR 191 - Therapeutics II	5
PHAR 192 - Therapeutics III	5
PHAR 285 - Rotations	22
PHAR 285 - Rotations	18
SCSR 073 - Public Speaking	3
STAT 060 - Statistics for the Life Sciences	3
Drake Curriculum / General Electives	24
Pharmacy Professional Electives	1
<b>Total</b>	<b>227</b>

Professional electives required by the Pharm.D. program (6 credit hours) will be fulfilled by DMU M.P.H. course work.

Students will typically apply for admission to the M.P.H. program during the fall of the P2 year or after completion of 116 credits. The admission process and criteria are listed on the DMU M.P.H. program [web site \(https://catalog.drake.edu/graduate/collegeofpharmacyandhealthsciences/pharm/#DPMPH\)](https://catalog.drake.edu/graduate/collegeofpharmacyandhealthsciences/pharm/#DPMPH). Pharm.D. students are also required to include a letter of support from the Drake University CPHS Dean's Office or their academic advisor. PharmD students who have completed the PCAT are not required to complete the GRE.

M.P.H. courses fulfilled by the PharmD course work (credit given following the completion of the Pharm.D. degree):

- MPH 657 – Survey of Human Health – 3 credits
- Electives

- PHAR 171 and PHAR 172 will be transferred in upon successful completion to meet 6 hours of elective credit for the M.P.H. degree.
- MPH 658 – Internship: PHAR 285 (Clinical Rotations) can be taken as the M.P.H. internship (all MPH internship requirements must be met and the site and preceptor approved by the DMU internship coordinator) Note – students must have completed or received credit for 24 credit hours of their M.P.H. program of study to be eligible to take the M.P.H. internship.

Students may enroll in additional summer coursework while taking their Pharm.D. and may complete final M.P.H. courses after PharmD completion. A 7 year time limit for completing the M.P.H. degree from the date of admission to the M.P.H. program.

Students completing DMU course work are responsible for paying tuition for the M.P.H. courses they take at DMU.

### Des Moines University M.P.H. Course List

- Core Courses
  - MPH 620 - Introduction to Graduate School & MPH Program - 1 cr.
  - MPH 621 - Overview of the U.S. Health Care System - 3 cr.
  - MPH 650 - Basic Statistics & Research - 3 cr.
  - MPH 653 - Public Health Administration & Management - 3 cr.
  - MPH 655 - Epidemiology - 3 cr.
  - \*MPH 657 - Survey of Human Health & Disease (Satisfied with completion of PharmD degree) - 3 cr.
  - MPH 671 - Community Research Methods - 3 cr.
  - MPH 625 - Health Care Financial Management I - 3 cr.
  - MPH 651 - Occupational & Environmental Health - 3 cr.
  - MPH 652 - Public Health Law, Ethics and Policy - 3 cr.
  - MPH 654 - Social & Behavioral Sciences - 3 cr.
  - MPH 645 - Community Health Program Planning and Evaluation - 3 cr.
  - \*MPH 658 - Public Health Internship (With permission of MPH Internship Coordinator, may be satisfied with PHAR 285 rotation - 3 cr.
  - MPH 660 - Public Health Capstone - 2 cr.
  - Total Semester Hours of Core Courses: 39 cr. (\*if MPH 620 Orientation was completed for 0 credits, core credits are 38)
- Elective Courses
  - \*PHAR 171 Elective (Social and Administrative Pharmacy) - May be transferred in as elective credit) - 3 cr.
  - \*PHAR 172 Elective (Literature Evaluation Methods) - May be transferred in as elective credit - 3 cr.
  - Total Semester Hours of Electives: 6 cr.
- TOTAL SEMESTER HOURS: 45 cr.

All M.P.H. courses are offered online at least once/year.

Council on Education for Public Health accreditation: The master of public health program at Des Moines University holds programmatic accreditation through the Council on Education for Public Health. This programmatic accreditation is above and beyond the University's accreditation through NCA, and shows a commitment to providing the highest quality education and adhering to the highest standards for operating a

M.P.H. program. CEPH requires that accredited programs emphasize three areas equally: teaching, research and service.

## Diabetes Concentration

This unique program provides students the opportunity to fulfill their general and professional electives with courses that will assist them in developing expertise in diabetes. The general goal of this concentration is to prepare pharmacy students to be competent providers of diabetes patient care.

The concentration consists of both a didactic and experiential component. A total of 20 credit hours is required for the concentration. The didactic component constitutes a total of 10 credit hours of which 7 credit hours are required (and may also fulfill professional elective requirements) and 3 credit hours are elective. The remaining 10 credit hours are completed through experiential rotations.

Students planning to pursue this concentration should complete the [Change of Record Form](https://www.drake.edu/cphs/forms/) (<https://www.drake.edu/cphs/forms/>).

Course	Credits
Electives - Choose three from the following. Electives must be completed by end of the P2 year.	3
BIO 032 – Wellness and Nutrition	
EDUC 164 - Perspectives in Race, Ethnicity, and Gender	
HSCI 103 - Narrative Health Care	
HSCI 106 – Culture Care and Health Literature	
HSCI 148 - Exercise Testing and Prescription	
HSCI 145 - Health Coaching	
PSY 030 – Social Psychology	
PSY 044 - Adult Development and Aging	
PSY 060 – Principles of Behavior	
PSY 124 - Health Psychology (Psy 1 prerequisite)	
PHAR 114 - Advances in Cardiac Disease	
PHAR 119 - Topics in Neuropharmacology	
SOC	
Courses offered through the Global and Comparative Public Health Concentration	
HSCI 144 - Introduction to Public Health	
HSCI 142 - Community Health Education	
HSCI 143 - Epidemiology	
PHIL 124 - Health and Social Justice, OR PHIL 151 - Environmental Justice	
POLS 127 - Global Public Health	
POLS 169 - Comparative Public Health Policy	
WLC 148 - Intercultural Communication	

WLC 150 - Spanish for Health Care Providers	
Required Courses	7
PHAR 126 - Principles of Nutrition	
PHAR 128 - Advanced Diabetes Care	
PHAR 129 - Integrated Diabetes Cases	
Experiential Education Requirements	10
Students will complete two 5-credit APPEs to provide practice-based application of the intensive diabetes coursework required for the concentration. APPEs meeting the requirements of the concentration will be designated by the Experiential Education Office. Students will submit preferences for these placements. Assignments are at the discretion of the Experiential Education Office.	
Attributes of these APPEs include, but are not limited to, significant prevalence of diabetes in the practice, pharmacist leadership in the patient care process, and active roles for students in assisting the health care team with diabetes management, education, and prevention.	

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## Regulations and Academic Requirements

Pharmacy students should become familiar with the General Information section of this catalog, which covers many regulations that affect all Drake University students. The College of Pharmacy and Health Sciences also has a number of specific regulations and requirements that must be met to progress through the pharmacy curriculum. Some of these are listed below; others are available in the Pharmacy Student Handbook at [Pharmacy Student Handbook \(https://www.drake.edu/cphs/handbookspolicies/\)](https://www.drake.edu/cphs/handbookspolicies/).

Many pharmacy courses have prerequisite requirements. Admission to a course is denied if prerequisite courses have not been successfully completed. Therefore, deviations from the curriculum as it is structured require careful consideration. Course prerequisites may be found in the [course descriptions \(https://catalog.drake.edu/undergraduate/coursedescriptions/\)](https://catalog.drake.edu/undergraduate/coursedescriptions/) area of the catalog.

Pharmacy students may apply a maximum of nine hours of elective coursework on a credit/no credit basis toward graduation. Courses regularly graded on a credit/no credit basis are not included within the nine-hours maximum. The student must have a minimum cumulative GPA of 2.75 before registering in a course on a credit/no credit basis.

Candidates qualifying for the degree must complete the required credit hours for graduation and have at least a 2.00 cumulative GPA. The standard grading scale for pharmacy students enrolled in pharmacy-labeled courses is "A", "B", "C", "D" or "F". All courses in the pre-pharmacy curriculum and the first three years of the professional curriculum must be successfully completed before a student enrolls in fourth-year (final year) coursework.

Students may not progress onto rotations unless a "C" or better is earned in each required course. Students are permitted to retake a pharmacy required course for a passing grade (2.0 GPA or "C") one time only. Students who do not obtain a 2.0 (or "C") in a pharmacy required course after two attempts will be dropped from the Pharm.D. program. Once a student enters the professional program, all didactic coursework must be completed in four years. Students who are unable to complete the didactic course work in this time period will be dropped from the program.

All fourth-year pharmacy students are required to complete 40 weeks of experiential rotations (PHAR 285) prior to graduation. During these experiential rotations, students apply pharmaceutical principles related to diagnosis, treatment and patient care; monitor drug utilization and drug therapy and interact with patients, physicians, nurses and other health care providers. Due to regulations at many of the experiential sites, the college will complete a criminal background check and drug screen prior to admission into the professional program and again prior to entering the experiential year. Students who have a history of a felony are referred to the State Board of Pharmacy where they plan to practice pharmacy to determine if their record would prohibit licensure. Experiential sites have the right to refuse to accept a student for rotations based on the results of the criminal background check even if the history would not prohibit licensure as a pharmacist. Many of these sites also require that a copy of the background check is forwarded to them. Students who have positive drug screens and will be entering rotations will be referred to the Chemical Dependency Policy.

Candidates for the Doctor of Pharmacy degree are required to be in residence in the College of Pharmacy and Health Sciences for at least the last 30 credit hours before becoming eligible for graduation. Credit earned by examination may not be counted toward fulfillment of the last 30 credit hours.

Pre-pharmacy and pharmacy students are assigned a pharmacy faculty member as their academic adviser. Faculty advisers help students:

- Adapt to the college environment
- Assist in the development of the student's education plan by providing input and feedback
- Encourage discussions about the appropriateness of their chosen career track and the career options within the profession
- Assist in identification of opportunities for professional skill development and
- Make appropriate referrals to university student service offices when academic or personal difficulties arise.

The Academic and Student Affairs Office is responsible for coordinating the registration process, verifying appropriate registration of courses, approving educational plan waivers and transfer credit requests, updating degree audits with regard to substitutions, waivers and transfer courses, answering student questions regarding registration, credit completion, course transfer process and study-abroad opportunities, serving as a resource for students in combined degree programs (M.B.A., M.P.A., J.D., M.S.L.D., M.P.H.) and coordinating and communicating opportunities for internship, study abroad, research and postgraduate study. The final responsibility for completion of graduation requirements, however, belongs to the student and, accordingly, each student should become familiar not only with the curriculum but also with the academic regulations of the college.

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## Health Sciences

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Degree Options

- Bachelor of Science (B.S.) degree with a major in Health Sciences
  - Clinical and Applied Sciences track
  - Health Care Administration and Public Health track
- Joint Degree Programs
  - Clinical and Applied Sciences / Juris Doctor
  - Clinical and Applied Sciences / Master of Science in Health Informatics and Analytics
  - Clinical and Applied Sciences / Master of Science in Biomedical Science (Des Moines University)
  - Clinical and Applied Sciences / Bachelor of Science in Nursing (Allen College)
  - Clinical and Applied Sciences / Bachelor of Science in Nursing (Mercy College of Health Sciences)
  - Clinical and Applied Sciences / Medical Laboratory Sciences Certificate (Mercy College of Health Sciences)
  - Health Care Administration and Public Health / Juris Doctor
  - Health Care Administration and Public Health / Master of Business Administration
  - Health Care Administration and Public Health / Master of Public Administration
  - Health Care Administration and Public Health / Master of Science in Health Informatics and Analytics
  - Health Care Administration and Public Health / Master of Health Care Administration (Des Moines University)
  - Health Care Administration and Public Health / Master of Public Health (Des Moines University)

Regulations and Academic Requirements <https://catalog.drake.edu/undergraduate/academicregulations/>

Health Sciences web site <https://catalog.drake.edu/graduate/collegeofpharmacyandhealthsciences/>

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### Program Overview

The undergraduate program in the health sciences is a 4-year degree program that focuses on developing the knowledge base, skill sets and professional experiences necessary for success in health science-related fields. Students will participate in an interdisciplinary curriculum that combines coursework in the biomedical, pharmaceutical and clinical sciences, business and health care management, and health behavior. Because many students are drawn to the health care field but are often unsure of which direction may be best for them, this degree will expose students to a wide range of health care-related experiences while providing the foundational skills of a liberal education.

The program provides students with coursework and laboratory opportunities in the health sciences that allow them to develop highly sought-after skills that are applicable to work in research and health care environments. The learning goals and outcomes of the curriculum provide students with a strong interdisciplinary component



that integrates the chemical and biological sciences for applications in the health sciences. The program also provides a background in the liberal arts that prepares students to be engaged citizens and reflective practitioners.

Students who enter Drake after completing their high school experiences will begin as open major health sciences students. Following their enrollment in the Issue in Health Sciences first-year series, students select which track they would like to pursue:

- Clinical and Applied Sciences
- Health Services Management

Students pursuing the Clinical and Applied Sciences track will follow a sequence of courses and experiences that focus on the application of biomedical and clinical sciences in preparation for clinical work in the primary health care professions as well as allied health fields such as occupational therapy, physical therapy, physician assistant, audiology, athletic training, and clinical and laboratory sciences. Students also can focus on laboratory-based courses and research experiences that prepare them for careers in research, drug development and pursuit of graduate education.

Students pursuing the Health Services Management track will follow a sequence of courses and experiences that focus on developing skills in management, marketing and data analysis. This track prepares students for employment in related health care fields such as insurance companies, health systems, pharmacy benefit management companies, managed care organizations and health-related nonprofit organizations.

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## **Educational Goals**

The purpose of the health sciences program is to provide graduates with the relevant knowledge base, skills, attitudes, ethics and values to succeed in basic and applied health-related careers.

### **Goal 1. Knowledge Base and Lifelong Learning Skills**

Graduates will have a strong foundation in the physical, biological, clinical and behavioral sciences coupled with an understanding of how business and management models apply to health sciences-related fields. Graduates will develop the skills and habits to acquire and apply new knowledge.

### **Goal 2. Values and Ethics**

Graduates will understand and accept their duties and responsibilities outlined by their chosen career and to society in general. Graduates are expected to have developed value systems and ethical standards that guide their behavior.

### **Goal 3. Critical Thinking Skills**

Graduates will use critical and creative thinking and an evidenced-based approach to identify, analyze and solve problems.

### **Goal 4. Communication and Collaborative Skills**

Graduates will be able to communicate effectively with their peers and their constituents in a variety of formats and actively participate in collaborative environments.

## Goal 5. Career Planning and Development

Graduates will emerge from the program with realistic ideas regarding how to implement their knowledge, skills and values in a variety of settings.

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### Requirements for Major

*Health Sciences students must also complete the Drake Curriculum requirements in addition to the requirements for the major below.*

*Clinical and Applied Sciences Track*

<b>Course</b>	<b>Credits</b>
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
BIO 013 - Pre-Professional Biology II	3
BIO 013L - Pre-Professional Biology II lab	1
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3
CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1
CHEM 097 - Organic Chemistry I, or BIO 103 - Microbiology, or PHY 011 - General Physics I (4 cr)	3
CHEM 098 - Organic Chemistry I Lab, or BIO 1031 - Microbiology Lab, or PHY 011 - General Physics I Lab (0 cr)	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3

HSCI 141L - Human Anatomy Lab	1
HSCI 155 - Guided Research in Health Sciences I	2
HSCI 156 - Guided Research in Health Sciences II	2
HSCI 172 - Evaluating Research Literature	3
HSCI 196 - Health Sciences Internship I	3
HSCI 197 - Health Sciences Internship II	3
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
PSY 001 - Introduction to Psychology	4
General Electives	27
Professional Electives	22
Biomedical Science (minimum 3 credits)	
BIO 095-199	
CHEM 100-199	
NSCI 001-199	
PHY 001-199	
Business (no minimum)	
ACCT 040-199	
BLAW 060-199	
BUS 006-199	
ECON 002-199	
FIN 095-199	
INS 051-199	
MGMT 110-199	
MKTG 101-199	
Health Sciences (minimum 6 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
TOTAL	124

*Health Care Administration and Public Health Track*

**Course**

**Credits**

ACCT 041 - Accounting I	3
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
ECON 010 - Macroeconomics	3
FIN 095 - Finance	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 108 - Introduction to U.S. Health Care Policy	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 143 - Epidemiology	3
HSCI 144 - Introduction to Public Health	3
HSCI 155 - Guided Research in Health Sciences I	2
HSCI 156 - Guided Research in Health Sciences II	2
HSCI 172 - Evaluating Research Literature	3
HSCI 196 - Health Sciences Internship I	3
HSCI 197 - Health Sciences Internship II	3
INTD 025 - Bulldog Foundations	1
IS 044 - Information Tools	2
MATH 028 - Business Calculus	3
MGMT 110 - Organizational Behavior	3
MKTG 101 - Marketing Principles	3
PSY 001 - Introduction to Psychology	4
General Electives	24
Professional Electives	15
Biomedical Science (no minimum)	
BIO 095-199	

CHEM 097-199

NSCI 001-199

PHY 001-199

Business (minimum 3 credits)

ACCT 042-199

BLAW 060-199

BUS 005-199

ECON 011-199

FIN 096-199

INS 051-199

MGMT 111-199

MKTG 102-199

Health Sciences (minimum 3 credits)

EDUC 172

HSCI 100-199

PHAR 100-199

SPAN 154

Leadership (no minimum)

LEAD 050-199

Psychology (no minimum)

PSY 002-199

SCSS 081

TOTAL

124

Students may declare a business minor after successful completion of ACCT 041. HSCI 102 does not apply to the business minor.

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## Specific Regulations / Academic Requirements

Health Sciences students should become familiar with the General Information section of this catalog, which covers many regulations that affect all Drake University students. The College of Pharmacy and Health Sciences also has a number of specific regulations and requirements that must be met to progress through the health sciences curriculum. Some of these are listed below; others are available in the Health Sciences Student Handbook (<http://www.drake.edu/cphs/handbookspolicies/>).

Many health sciences courses have prerequisite requirements. Admission to a course is denied if prerequisite courses have not been successfully completed. Therefore, deviations from the curriculum as it is structured require careful consideration. Course prerequisites may be found in the area of this catalog.

Health Sciences students may apply a maximum of 9 hours of elective coursework on a credit/no credit basis toward graduation. Courses regularly graded on a credit/no credit basis are not included within the 9 hours

maximum. The student must have a minimum cumulative GPA of 2.75 before registering in a course on a credit/no credit basis.

All fourth-year health sciences students are required to complete a senior capstone experience (HSCI 196/197) prior to graduation. Due to regulations at many of the experiential sites used for the senior capstone experiences, the college will complete a criminal background check and drug screen prior to entering the senior capstone year. Senior capstone sites have the right to refuse to accept a student based on the results of the criminal background check. Many of these sites also require that a copy of the background check is forwarded to them. Students who have positive drug screens and will be entering their senior capstone experience will be referred to the Chemical Dependency Policy.

Health Sciences students are assigned a faculty member as their academic adviser. Faculty advisers help students:

- Adapt to the college environment
- Assist in the development of the student's education plan by providing input and feedback
- Encourage discussions about the appropriateness of their chosen career track and the career options within the profession
- Assist in identification of opportunities for professional skill development and
- Make appropriate referrals to university student service offices when academic or personal difficulties arise.

The Academic and Student Affairs Office is responsible for coordinating the registration process, verifying appropriate registration of courses, approving educational plan waivers and transfer credit requests, updating degree audits with regard to substitutions, waivers and transfer courses, answering student questions regarding registration, credit completion, course transfer process and study-abroad opportunities, and coordinating and communicating opportunities for internship, study abroad, research and postgraduate study. The final responsibility for completion of graduation requirements, however, belongs to the student and, accordingly, each student should become familiar not only with the curriculum but also with the academic regulations of the college.

### Professional Electives Policy

Core curricula of CPHS degree programs may require professional elective courses that permit exploration of and/or advanced study in areas of professional interest within the student's primary degree. Professional electives provide the student with an opportunity to not only pursue areas of intellectual interest, but also to develop an individual "brand" that may benefit them in their professional or academic future.

Professional electives should (a) expand upon information presented in the standard curriculum, (b) introduce new information that is relevant to the field of study, (c) or prepare the student for graduate study. Professional electives must be CPHS-labeled courses, those indicated on approved curriculum guides, or courses otherwise approved by AAC. Any professional elective must be numbered 100 level or higher for graduate and doctoral-level programs. Bachelors of Science in Health Sciences candidates may refer to courses indicated in current curriculum guides. Other courses (even if taught by CPHS faculty) are not considered professional electives except with an approved exception to program policy. The College's Academic Affairs Committee shall review and approve courses as professional electives when submitted for consideration as a professional elective by the instructor. CPHS professional electives will be indicated in the University course catalog.

Students who desire to have a non-approved electives count toward professional elective credit should apply for

an exception to program policy prior to taking the course whenever possible. Professional electives must be taken for a grade unless the course is designed as credit/no credit. Students should refer to their degree audit for determination of the total number of required professional electives.

Electives offerings for each degree should be adequate in number and sequencing to fulfill needs of concentrations and the needs of the student population. Offerings for professional electives for each degree within CPHS will be coordinated amongst the faculty member, their department chair, and the Associate Dean of Curriculum and Assessment. Additional coordination may occur between department chairs to encourage interdepartmental collaboration and interprofessional education in professional elective offerings. Consideration may be given for alternate year offerings and class session timing to address issues of workload or enrollment competition.

Additional policies for each program are listed below:

- **Masters of Athletic Training**
  - Independent study may not be considered for professional elective credit without an approved exception to program policy.
  - Students completing any MAT concentration offered by CPHS, the Global and Comparative Public Health Concentration, or the Leadership Education and Development Concentration may apply core required (100 level) courses in these programs toward professional elective requirements.
- **Bachelor of Science in Health Sciences**
  - Courses need not be above 100 level to be considered for professional elective credit. See the relevant curriculum guide for course options.
  - Independent study may not be considered for professional elective credit without an approved exception to program policy.
  - Students in approved articulation dual degree tracks may have courses outside the University accepted as professional electives as outlined in those curriculum agreements.
- **Occupational Therapy Doctorate**
  - Beginning Fall 2020, OTD students must take one professional elective course during the O2 year. Courses may be an approved non-required OTD course or any other professional elective course approved by AAC for which the student meets enrollment criteria.
- **Doctor of Pharmacy**
  - Professional electives should be taken no earlier than the first semester in the PharmD curriculum. Professional electives taken prior to admission into the professional program are not to be counted toward the required total. If the required total is not met, it may delay the student's progression to advanced pharmacy practice experiences.
  - Independent study may be allowed as professional elective credit if (a) the experience is not applied toward required course and (b) appropriate for the degree of study. While students may engage in multiple independent studies as allowed by their schedule, no more than 50% of total professional elective credits required may be obtained via independent study. Independent study must be conducted with CPHS faculty to be considered as a professional elective.
  - Students completing the joint degree programs for MBA, MPA, MPH, JD, and MSLD may apply these courses in these programs toward professional elective requirements.
  - Students completing any PharmD concentration offered by CPHS, the Global and Comparative Public Health Concentration, or the Leadership Education and Development Concentration may apply core required (100 level) courses in these programs toward professional elective requirements

## Experiential Program Notes

### Course Requirements for Accelerated Partner Program and International Capstone Students

The Health Sciences Senior Internship includes the following courses:

- HSCI 155 - Guided Research I (2 credits)
- HSCI 156 - Guided Research II (2 credits)
- HSCI 196 - Health Sciences Internship I (3 credits)
- HSCI 197 - Health Sciences Internship II (3 credits)
- Students intending to apply to an accelerated partner program must inform the Health Sciences Experiential Director prior to November 15. If the notification deadline is not met, the student will be required to complete HSCI 196 and HSCI 197 in consecutive fall and spring semesters. No other scheduling options for internships or research will be considered following the deadline.
- Any deviation from the above course requirements must be planned in conjunction with the Health Sciences Department Chair and Associate Dean of Curriculum and Assessment (via the Exception to Program Policy Request Form) by November 15 of the student's junior year.
- If alternative arrangements for research courses and/or internships are made, the student is committed to the arranged schedule even if the student is not admitted into the accelerated program.

### International Internships

- Students completing internships at international sites may take HSCI 196 and/or HSCI 197 during the summer before senior year.
- Students seeking to complete internships at international sites should contact the Health Sciences Experiential Director no later than November 15 of their junior year.

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## Joint Degree Programs

### Health Sciences Clinical & Applied Sciences / Doctor of Jurisprudence (J.D.)

Students may elect to earn both a Bachelor of Science degree and a Doctor of Jurisprudence (law) degree in a joint degree program offered in cooperation with the Drake Law School. The program allows students to focus their education on legal and health care issues. Participating students are admitted first to the College of Pharmacy and Health Sciences. A student pursuing this program should plan to take the LSAT and formally apply to the Law School during the fall semester of the junior year and if admitted, complete the first year of law school course work in the senior year along with the remaining health sciences credits.

Course	Credits
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
BIO 013 - Pre-Professional Biology II	3
BIO 013L - Pre-Professional Biology II lab	1
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3



CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1
CHEM 097 - Organic Chemistry I, or BIO 103 - Microbiology, or PHY 011 - General Physics I (4 cr)	3
CHEM 098 - Organic Chemistry I Lab, or BIO 1031 - Microbiology Lab, or PHY 011 - General Physics I Lab (0 cr)	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 155 - Guided Research in Health Sciences I	2
HSCI 156 - Guided Research in Health Sciences II	2
HSCI 172 - Evaluating Research Literature	3
HSCI 196 - Health Sciences Internship I	3
HSCI 197 - Health Sciences Internship II	3
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
PSY 001 - Introduction to Psychology	4
General Electives	15
Professional Electives	13
Biomedical Science (minimum 3 credits)	
BIO 095-199	
CHEM 100-199	
NSCI 001-199	

PHY 001-199	
Business (no minimum)	
ACCT 040-199	
BLAW 060-199	
BUS 006-199	
ECON 003-199	
FIN 095-199	
INS 051-199	
MGMT 110-199	
MKTG 101-199	
Health Sciences (minimum 6 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
Law Coursework	24
TOTAL	127

**Clinical and Applied Sciences / Master of Science in Health Informatics and Analytics**

<b>Course</b>	<b>Credits</b>
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
BIO 013 - Pre-Professional Biology II	3
BIO 013L - Pre-Professional Biology II lab	1
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3
CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1
CHEM 097 - Organic Chemistry I, or BIO 103 - Microbiology, or PHY 011 - General Physics I (4 cr)	3
CHEM 098 - Organic Chemistry I Lab, or BIO 103l - Microbiology Lab, or PHY 011 - General Physics I Lab (0 cr)	1

ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 155 - Guided Research in Health Sciences I	2
HSCI 156 - Guided Research in Health Sciences II	2
HSCI 172 - Evaluating Research Literature	3
HSCI 196 - Health Sciences Internship I	3
HSCI 197 - Health Sciences Internship II	3
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
PSY 001 - Introduction to Psychology	4
General Electives	15
Professional Electives	16
Biomedical Science (minimum 3 credits)	
BIO 095-199	
CHEM 100-199	
NSCI 001-199	
PHY 001-199	
Business (no minimum)	
ACCT 040-199	
BLAW 060-199	
BUS 006-199	
ECON 003-199	
FIN 095-199	
INS 051-199	
MGMT 110-199	

MKTG 101-199	
Health Sciences (minimum 6 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
Health Informatics and Analytics Coursework	18
<b>TOTAL</b>	<b>124</b>

If not admitted to the MS HIA program, all credit minimums for the general electives and professional electives must be fulfilled to earn the BS in Health Sciences degree.

#### **Health Sciences Clinical & Applied Sciences / Des Moines University Master of Science in Biomedical Science (M.S.B.S.)**

This joint degree program allows students the opportunity to complete three years in the Health Sciences program followed by two years in the Master of Science in Biomedical Sciences (M.S.B.S.) at Des Moines University. Des Moines University's M.S.B.S. program is designed to enable the development in careers in medical and scientific research and academic medicine to benefit the health of people around the world.

Biomedical research is an important part of health care today and requires the work of scientists in a wide variety of settings, including academia, government, pharmaceuticals and biotechnology-dependent industry. M.S.B.S. graduates may be employed as advanced technicians, laboratory managers, educators and scientists using their skills in such diverse areas as cancer research, clinical diagnosis, infectious disease, monitoring food and water supplies and teaching the next generation of scientists. Many have gone on to enroll in medical school as well.

#### ***Admission Requirements***

See the Des Moines University M.S.B.S. [admission web site](#) for admission requirements. Apply to the M.S.B.S. program by June 15 following the junior year to begin coursework during the fall of the senior year.

<b>Course</b>	<b>Credits</b>
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
BIO 013 - Pre-Professional Biology II	3
BIO 013L - Pre-Professional Biology II lab	1
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3

CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1
CHEM 097 - Organic Chemistry I, or PHY 011 - General Physics I (4 cr)	3
CHEM 098 - Organic Chemistry I Lab, or PHY 011 - General Physics I Lab (0 cr)	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 172 - Evaluating Research Literature	3
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
PSY 001 - Introduction to Psychology	4
General Electives	24
Professional Electives	16
Biomedical Science (minimum 3 credits)	
BIO 095-199	
CHEM 100-199	
NSCI 001-199	
PHY 001-199	
Business (no minimum)	
ACCT 040-199	
BLAW 060-199	
BUS 006-199	
ECON 003-199	
FIN 095-199	

INS 051-199	
MGMT 110-199	
MKTG 101-199	
Health Sciences (minimum 6 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
DMU MS Biomedical Sciences Coursework	18.5
TOTAL	123.5

***Program Notes***

3+2 MSBS students at DMU will complete all remaining credits required for completion of their health sciences major through their MSBS coursework. Students will be required to send an official transcript to the Drake University Office of the Registrar to apply their transfer coursework to the health sciences major requirements. A minimum of 124.5 total hours will be required to earn a Bachelor of Science in Health Sciences from Drake University. Degrees from Drake University and Des Moines University will be conferred at the same time. This may result in total program hours higher than 124.5.

Should students not complete their coursework at Des Moines University and decide to return to Drake University, they will no longer be eligible for their Drake tuition guarantee. They will be responsible for the current University tuition rate.

If not admitted to the MS Biomedical Sciences program at DMU, all credit minimums for the general electives and professional electives must be fulfilled to earn the BS in Health Sciences degree.

**Health Sciences Clinical & Applied Sciences / Allen College Bachelor of Science in Nursing (B.S.N.)**

Allen College of Health Sciences offers an accelerated B.S.N. that can be completed while students also complete the B.S. This provides an opportunity for health sciences students to complete a B.S.N. program while also earning a BS-HS degree. The degrees are to be conferred at the same time so that students do not lose eligibility for certain forms of financial aid. Each institution would grant its own degree.

Allen College's accelerated B.S.N. program is a four semester, 15-month curriculum. Students will learn about nursing using a concept-based approach that emphasizes nursing content across the life span and diverse clinical settings. The coursework prepares graduates to care for patients and families in acute care and community settings. Graduates are prepared to assume roles involving leadership, education, research, and community health.

Students enrolled in this program will complete coursework at the Allen College campus during the first summer of enrollment in a hybrid format. Following the first summer, students will periodically meet face-to-face in Des Moines during the semester with the majority of learning occurring in an online environment. Students will complete clinical requirements during the fall, spring, and final summer semester in the Des Moines area.

### ***Clinical Experience Information***

Clinical semesters occur in the last three semesters of the B.S.N. program, along with NU 380 Evidence Based Practice & Nursing Research which includes a student research project and presentation.

### ***Admission Requirements***

1. A 2.8 GPA is required for admission to Allen College's B.S.N. program. Students must complete a minimum of 66 semester hours of general education coursework as outlined in the plan of study, including a minimum of:
  - 15 hours in the humanities
  - 15 hours in the social sciences
  - 18 hours in the natural sciences and mathematics
  - 18 hours of general electives (including a 3 credit diversity course)
2. Applicants should have a minimum cumulative grade point average of 3.0 on a 4.0 scale in the following courses:
  - Intermediate English Composition - FYS --- (First Year Seminar) and the follow-up Written Communication requirement
  - Oral Communication – SCSR 073 (Public Speaking)
  - Sociology - Elective
  - Psychology – PSY 001 (Introduction to Psychology)
  - Human Growth & Development - HSCI 146 (Human Development Across the Lifespan)
  - Anatomy - HSCI 141/141L (Human Anatomy and Lab)
  - Physiology – HSCI 125/125L (Medical Physiology and Lab)
  - Chemistry – CHEM 001 (Chemistry 1)
  - Microbiology – BIO 103/103L (Microbiology and Lab)
  - Statistics – STAT 060 (Statistics for the Life Sciences) or HSCI 060 (Statistics in Health Sciences)

Other admission requirements are listed at: <http://www.allencollege.edu/accelerated-admission-requirements.aspx>.

<b>Course</b>	<b>Credits</b>
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
BIO 013 - Pre-Professional Biology II	3
BIO 013L - Pre-Professional Biology II lab	1
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3
CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1

CHEM 097 - Organic Chemistry I, or BIO 103 - Microbiology, or PHY 011 - General Physics I (4 cr)	3
CHEM 098 - Organic Chemistry I Lab, or BIO 103L - Microbiology Lab, or PHY 011 - General Physics I Lab (0 cr)	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 172 - Evaluating Research Literature	3
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
PSY 001 - Introduction to Psychology	4
General Electives	18
Professional Electives	13
Biomedical Science (minimum 3 credits)	
BIO 095-199	
CHEM 100-199	
NSCI 001-199	
PHY 001-199	
Business (no minimum)	
ACCT 040-199	
BLAW 060-199	
BUS 006-199	
ECON 003-199	
FIN 095-199	



INS 051-199	
MGMT 110-199	
MKTG 101-199	
Health Sciences (minimum 6 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
TOTAL	96

***Program Notes***

Students will complete all remaining credits required for completion of their health sciences major through their nursing coursework. A minimum of 124 total hours will be required to earn a Bachelor of Science in Health Sciences from Drake University.

If not admitted to the accelerated BSN program at Allen College, all credit minimums for Drake Curriculum/General Electives and Professional Electives must be fulfilled. The senior internship, HSCI 155, HSCI 156, HSCI 196, and HSCI 197 also must be completed at Drake to earn a Bachelor of Science in Health Sciences.

**Health Sciences Clinical & Applied Sciences / Mercy College of Health Sciences Bachelor of Science in Nursing (B.S.N.)**

Mercy College of Health Sciences offers an accelerated B.S.N. that can be completed in four years while students also complete the four-year B.S. at Drake University. This option provides the shortest time frame for health sciences students to complete a B.S.N. program while also earning a B.S. degree. Each institution grants its own degree with the degrees conferred at the same time so that students do not lose eligibility for certain forms of financial aid.

Mercy College's B.S.N. program is an accelerated curriculum that is completed following the third year of the health sciences program. Upon enrolling in B.S.N. courses, students complete five terms over three semesters (typically fall, spring and summer). During the nursing course work, students will learn about nursing using a concept-based approach that emphasizes nursing content across the life span and diverse acute care and community clinical settings. Graduates are prepared to assume roles involving leadership, education, research, and community health.

The Bachelor of Science in Nursing program is accredited by the [Commission on Collegiate Nursing Education \(CCNE\)](#) and has approval of the [Iowa Board of Nursing \(IBON\)](#). For more information on the Mercy B.S.N. program, [click here](#).

## ***Admission Requirements***

1. A 2.25 GPA is required for admission to Mercy College. Admissions to Nursing program requires extracted 3.0 GPA in 8 courses.
2. Be currently enrolled in HSCI program.
3. Successful completion of all pre-requisite courses before starting the program.
4. Evidence of required immunizations.
5. Completion of compliance trainings
6. CPR certification for Health Professionals.
7. A completed background check.

## **Pre-requisite Requirements**

- College Level Math (6 credits)
- Upper level statistics course (MATH 050 and HSCI 060)
- BIO 103/103L - Microbiology and Lab
- FYS or Written Communication AOI (Composition)
- HSCI 125/125L - Medical Physiology and Lab
- HSCI 141/141L - Human Anatomy and Lab
- PHAR 126 - Principles of Nutrition
- PSY 001 - Introduction to Psychology

<b>Course</b>	<b>Credits</b>
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
BIO 013 - Pre-Professional Biology II	3
BIO 013L - Pre-Professional Biology II lab	1
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3
CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1
CHEM 097 - Organic Chemistry I, or BIO 103 - Microbiology, or PHY 011 - General Physics I (4 cr)	3
CHEM 098 - Organic Chemistry I Lab, or BIO 103L - Microbiology Lab, or PHY 011 - General Physics I Lab (0 cr)	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3

HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 172 - Evaluating Research Literature	3
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
PSY 001 - Introduction to Psychology	4
General Electives	15
Professional Electives	13
Biomedical Science (minimum 3 credits)	
BIO 095-199	
CHEM 100-199	
NSCI 001-199	
PHY 001-199	
Business (no minimum)	
ACCT 040-199	
BLAW 060-199	
BUS 006-199	
ECON 003-199	
FIN 095-199	
INS 051-199	
MGMT 110-199	
MKTG 101-199	
Health Sciences (minimum 6 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
TOTAL	93

## ***Program Notes***

3+1 BSN students at Mercy College will complete all remaining credits required for completion of their health sciences major through their nursing coursework. Students will be required to send an official transcript to the Drake University Office of the Registrar to apply their transfer coursework to the health sciences major requirements. A minimum of 124 total hours will be required to earn a Bachelor of Science in Health Sciences from Drake University. Degrees from Drake University and Mercy College will be conferred at the same time. This may result in total program hours higher than 124.

Should students not complete their coursework at Mercy College and decide to return to Drake University, they will no longer be eligible for their Drake tuition guarantee. They will be responsible for the current University tuition rate.

## **Health Sciences Clinical & Applied Sciences / Mercy College of Health Sciences Certificate in Medical Laboratory Sciences (M.L.S.)**

Mercy College of Health Sciences offers a certificate program in Medical Laboratory Sciences (M.L.S.) that can be added to a Bachelor of Science degree earned from Drake University. This certificate program offers an opportunity for health sciences students to develop an area of health care expertise during their Drake academic career, rather than after graduation. In addition, these certificates are helpful for students applying to graduate programs that require a large amount of patient care hours.

## ***Program Purpose***

The M.L.S. Program is dedicated to providing students with the educational foundation required to become Medical laboratory scientists through an intensive classroom and clinical curriculum. Guided by the mission of Mercy College, the philosophy of the School of Allied Health, and in compliance with the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) Standards of Accredited Educational Programs for the Medical Laboratory Scientist, the primary purpose is to facilitate the personal and professional development of students. The M.L.S. program provides students with the academic and clinical experiences needed to become caring, ethical, and competent members of the health care team.

## ***Clinical Rotation/Experience Information***

M.L.S students complete a total of 750 clock hours of clinical rotations in a large medical center laboratory in the following areas: Blood Bank, Chemistry, Hematology, Immunology, Microbiology, Molecular Diagnostics, Phlebotomy, and Urinalysis. Students perform actual patient testing under the supervision of a preceptor. Students also gain approximately 15 hours of experience at various other optional sites such as a small hospital, fertility clinic, public health lab, and/or shadowing various levels of management.

M.L.S. students complete a large patient case study project in the last semester of the program. The project pulls together material they have learned in all of the courses throughout the M.L.S. program. Cases are presented to the class, instructors and preceptors. Students in the M.L.S. program collaborate throughout on case studies and problem-based learning scenarios in the didactic and clinical courses. They write reflection papers in several M.L.S. program courses regarding their experiences.

## **Course**

## **Credits**

BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
BIO 013 - Pre-Professional Biology II	3
BIO 013L - Pre-Professional Biology II lab	1
CHEM 001 - General Chemistry I	3
CHEM 002 - General Chemistry II	3
CHEM 003 - General Chemistry I Lab	1
CHEM 004 - General Chemistry II Lab	1
CHEM 097 - Organic Chemistry I, or PHY 011 - General Physics I (4 cr)	3
CHEM 098 - Organic Chemistry I Lab, or PHY 011 - General Physics I Lab (0 cr)	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 172 - Evaluating Research Literature	3
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
PSY 001 - Introduction to Psychology	4
General Electives	15
Professional Electives	20
Biomedical Science (minimum 3 credits)	
BIO 095-199	
CHEM 100-199	
NSCI 001-199	
PHY 001-199	

Business (no minimum)	
ACCT 040-199	
BLAW 060-199	
BUS 006-199	
ECON 003-199	
FIN 095-199	
INS 051-199	
MGMT 110-199	
MKTG 101-199	
Health Sciences (minimum 6 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
Mercy College MLS Coursework	41
<b>TOTAL</b>	<b>141</b>

**Health Care Administration and Public Health / Doctor of Jurisprudence (J.D.)**

Students in the Health Care Administration & Public Health track who have an interest in pursuing health care law may also consider our dual degree program with the Drake University Law School. Students will utilize their fourth year in Health Sciences to begin completing graduate coursework in the JD program.

<b>Course</b>	<b>Credits</b>
ACCT 041 - Accounting I	3
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
ECON 010 - Macroeconomics	3
FIN 095 - Finance	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3

HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 108 - Introduction to U.S. Health Care Policy	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 143 - Epidemiology	3
HSCI 144 - Introduction to Public Health	3
HSCI 155 - Guided Research in Health Sciences I	2
HSCI 156 - Guided Research in Health Sciences II	2
HSCI 172 - Evaluating Research Literature	3
HSCI 196 - Health Sciences Internship I	3
HSCI 197 - Health Sciences Internship II	3
INTD 025 - Bulldog Foundations	1
IS 044 - Information Tools	2
MATH 028 - Business Calculus	3
MGMT 110 - Organizational Behavior	3
MKTG 101 - Marketing Principles	3
PSY 001 - Introduction to Psychology	4
General Electives	18
Professional Electives	3
Biomedical Science (no minimum)	
BIO 095-199	
CHEM 097-199	
NSCI 001-199	
PHY 001-199	
Business (minimum 3 credits)	
ACCT 042-199	
BLAW 060-199	
BUS 005-199	
ECON 011-199	
FIN 096-199	
INS 051-199	

MGMT 111-199	
MKTG 102-199	
Health Sciences (minimum 3 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
Law Coursework	18
TOTAL	124

**Health Care Administration and Public Health / Master of Business Administration (M.B.A.)**

With the use of the summer school and January term as well as using graduate course work to fulfill elective requirements, Health Sciences degree students are able to complete the four year degree program plus the M.B.A. in a shorter time period than if they were to complete the two separately.

<b>Course</b>	<b>Credits</b>
ACCT 041 - Accounting I	3
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
ECON 010 - Macroeconomics	3
FIN 095 - Finance	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 108 - Introduction to U.S. Health Care Policy	3



HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 143 - Epidemiology	3
HSCI 144 - Introduction to Public Health	3
HSCI 155 - Guided Research in Health Sciences I	2
HSCI 156 - Guided Research in Health Sciences II	2
HSCI 172 - Evaluating Research Literature	3
HSCI 196 - Health Sciences Internship I	3
HSCI 197 - Health Sciences Internship II	3
INTD 025 - Bulldog Foundations	1
IS 044 - Information Tools	2
MATH 028 - Business Calculus	3
MGMT 110 - Organizational Behavior	3
MKTG 101 - Marketing Principles	3
PSY 001 - Introduction to Psychology	4
General Electives	18
Professional Electives	3
Biomedical Science (no minimum)	
BIO 095-199	
CHEM 097-199	
NSCI 001-199	
PHY 001-199	
Business (minimum 3 credits)	
ACCT 042-199	
BLAW 060-199	
BUS 005-199	
ECON 011-199	
FIN 096-199	
INS 051-199	
MGMT 111-199	
MKTG 102-199	
Health Sciences (minimum 3 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	

Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
Master of Business Administration Coursework	18
TOTAL	124

**Health Care Administration and Public Health / Master of Public Administration (M.P.A.)**

With the use of the summer school and January term as well as using graduate course work to fulfill elective requirements, Health Sciences degree students are able to complete the four year degree program plus the M.P.A. in a shorter time period than if they were to complete the two separately.

<b>Course</b>	<b>Credits</b>
ACCT 041 - Accounting I	3
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
ECON 010 - Macroeconomics	3
FIN 095 - Finance	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 108 - Introduction to U.S. Health Care Policy	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 143 - Epidemiology	3

HSCI 144 - Introduction to Public Health	3
HSCI 155 - Guided Research in Health Sciences I	2
HSCI 156 - Guided Research in Health Sciences II	2
HSCI 172 - Evaluating Research Literature	3
HSCI 196 - Health Sciences Internship I	3
HSCI 197 - Health Sciences Internship II	3
INTD 025 - Bulldog Foundations	1
IS 044 - Information Tools	2
MATH 028 - Business Calculus	3
MGMT 110 - Organizational Behavior	3
MKTG 101 - Marketing Principles	3
PSY 001 - Introduction to Psychology	4
General Electives	18
Professional Electives	3
Biomedical Science (no minimum)	
BIO 095-199	
CHEM 097-199	
NSCI 001-199	
PHY 001-199	
Business (minimum 3 credits)	
ACCT 042-199	
BLAW 060-199	
BUS 005-199	
ECON 011-199	
FIN 096-199	
INS 051-199	
MGMT 111-199	
MKTG 102-199	
Health Sciences (minimum 3 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
Master of Public Administration Coursework	18
TOTAL	124

If not admitted to the MPA program, all credit minimums for Drake Curriculum/General Electives and Professional Electives must be fulfilled to earn a Bachelor of Sciences in Health Sciences.

**Health Care Administration and Public Health / Master of Science in Health Informatics and Analytics**

<b>Course</b>	<b>Credits</b>
ACCT 041 - Accounting I	3
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
ECON 010 - Macroeconomics	3
FIN 095 - Finance	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 108 - Introduction to U.S. Health Care Policy	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 143 - Epidemiology	3
HSCI 144 - Introduction to Public Health	3
HSCI 155 - Guided Research in Health Sciences I	2
HSCI 156 - Guided Research in Health Sciences II	2
HSCI 172 - Evaluating Research Literature	3
HSCI 196 - Health Sciences Internship I	3
HSCI 197 - Health Sciences Internship II	3
INTD 025 - Bulldog Foundations	1
IS 044 - Information Tools	2
MATH 028 - Business Calculus	3

MGMT 110 - Organizational Behavior	3
MKTG 101 - Marketing Principles	3
PSY 001 - Introduction to Psychology	4
General Electives	18
Professional Electives	3
Biomedical Science (no minimum)	
BIO 095-199	
CHEM 097-199	
NSCI 001-199	
PHY 001-199	
Business (minimum 3 credits)	
ACCT 042-199	
BLAW 060-199	
BUS 005-199	
ECON 011-199	
FIN 096-199	
INS 051-199	
MGMT 111-199	
MKTG 102-199	
Health Sciences (minimum 3 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
Health Informatics and Analytics Coursework	18
<b>TOTAL</b>	<b>124</b>

If not admitted to the MS HIA program, all credit minimums for Drake Curriculum/General Electives and Professional Electives must be fulfilled to earn a Bachelor of Sciences in Health Sciences.

**Health Care Administration and Public Health / Des Moines University Master of Health Care Administration (M.H.A.)**

Students interested in pursuing a career in health care administration can add a Master of Health Care Administration (M.H.A.) to their bachelor's degree.

**Course**

**Credits**

ACCT 041 - Accounting I	3
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
ECON 010 - Macroeconomics	3
FIN 095 - Finance	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2
HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 108 - Introduction to U.S. Health Care Policy	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 143 - Epidemiology	3
HSCI 144 - Introduction to Public Health	3
HSCI 172 - Evaluating Research Literature	3
INTD 025 - Bulldog Foundations	1
IS 044 - Information Tools	2
MATH 028 - Business Calculus	3
MGMT 110 - Organizational Behavior	3
MKTG 101 - Marketing Principles	3
PSY 001 - Introduction to Psychology	4
General Electives	21
Professional Electives	7
Biomedical Science (no minimum)	
BIO 095-199	
CHEM 097-199	
NSCI 001-199	
PHY 001-199	
Business (minimum 3 credits)	

ACCT 042-199	
BLAW 060-199	
BUS 005-199	
ECON 011-199	
FIN 096-199	
INS 051-199	
MGMT 111-199	
MKTG 102-199	
Health Sciences (minimum 3 credits)	
EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
DMU Master of Health Care Administration Coursework	18
TOTAL	121

Students must declare a Health Sciences track by end of first semester. Notify the Experiential Office by February 1 of the intent to apply to the MHA program. Apply to the MHA program by June 1 following the junior year to begin course work during the fall of the senior year.

**Health Care Administration and Public Health / Des Moines University Master of Public Health (M.P.H.)**

Students interested in pursuing a career in public health can add a Master of Public Health (M.P.H.) to their degree.

Course	Credits
ACCT 041 - Accounting I	3
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
ECON 002 - Microeconomics, or HSCI 102 - Health Economics	3
ECON 010 - Macroeconomics	3
FIN 095 - Finance	3
FYS 0-- - First Year Seminar	3
HSCI 020 - Introduction to the Health Sciences	2
HSCI 021 - Professionalism in Health Care	2

HSCI 025 - Introduction to the U.S. Health Care System	3
HSCI 055 - Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences, or STAT 060 - Statistics for the Life Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 108 - Introduction to U.S. Health Care Policy	3
HSCI 125 - Physiology, or BIO 129 - Mammalian Physiology, or PHAR 125 - Physiology (lab included for 4 credits)	3
HSCI 125L - Physiology Lab, or BIO 129L - Mammalian Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 143 - Epidemiology	3
HSCI 144 - Introduction to Public Health	3
HSCI 172 - Evaluating Research Literature	3
INTD 025 - Bulldog Foundations	1
IS 044 - Information Tools	2
MATH 028 - Business Calculus	3
MGMT 110 - Organizational Behavior	3
MKTG 101 - Marketing Principles	3
PSY 001 - Introduction to Psychology	4
General Electives	21
Professional Electives	10
Biomedical Science (no minimum)	
BIO 095-199	
CHEM 097-199	
NSCI 001-199	
PHY 001-199	
Business (minimum 3 credits)	
ACCT 042-199	
BLAW 060-199	
BUS 005-199	
ECON 011-199	
FIN 096-199	
INS 051-199	
MGMT 111-199	
MKTG 102-199	
Health Sciences (minimum 3 credits)	



EDUC 172	
HSCI 100-199	
PHAR 100-199	
SPAN 154	
Leadership (no minimum)	
LEAD 050-199	
Psychology (no minimum)	
PSY 002-199	
SCSS 081	
DMU Master of Public Health Coursework	18
TOTAL	124

Students must declare a Health Sciences track by end of first semester. Apply to the M.P.H. program by March 1 of junior year to begin coursework during the summer and by July 1 following the junior year to begin course work during the fall of the senior year.

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## Pre-Athletic Training

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Degree Option

Bachelor of Science (B.S.) with a degree in Health Sciences

Regulations and Academic Requirements

Pre-Athletic Training web site <https://www.drake.edu/at/pre-athletictraining/>

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### Program Overview

Students in the Pre-Athletic Training program complete three years in the pre-AT track, followed by two years in the Master of Science in Athletic Training program. After the first year in the Master's program, students may earn a Bachelor of Science in Health Sciences degree.

Students in the pre-AT program are guaranteed an interview for admission to Drake's Master's program. During the pre-AT program, students may pursue membership in professional organizations, providing the chance to network with fellow students across the state and country.

Pre-AT students enroll in the Issues in Health Sciences course series through which they gain job shadowing experiences, career exploration opportunities, innovation and practice management skills, and health care system understanding.

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### Requirements for Major

The following is a list of courses that Pre-AT students would take at Drake while completing their bachelor's degree to prepare for admission into the Master of Science in Athletic Training program.

Course	Credits
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
BIO 013 - General Biology II lecture	3
BIO 013L - General Biology II lab	1
CHEM 001 - General Chemistry I lecture	3
CHEM 002 - General Chemistry II lecture	3
CHEM 003 - General Chemistry I lab	1
CHEM 004 - General Chemistry II lab	1
FYS 0-- - First Year Seminar	3

HSCI 020 – Introduction to Health Sciences	2
HSCI 021 – Professionalism in Health Care	2
HSCI 025 – Introduction to the U.S. Health Care System	3
HSCI 055 – Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 102 - Health Economics (or ECON 002 - Microeconomics)	3
HSCI 105 – Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literacy	3
HSCI 125 - Physiology	4
HSCI 141 - Human Anatomy with lab	4
HSCI 172 - Evaluating Research Literature	3
MATH 050 - Calculus I	4
PHY 011 - Gen Physics I	4
PSY 001 - Intro to Psychology	4
General Electives	15
Professional Electives	16
<b>Total</b>	<b>96</b>

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## Regulations and Academic Requirements

Pre-AT students should become familiar with the General Information section of this catalog, which covers many regulations that affect all Drake University students. The College of Pharmacy and Health Sciences also has a number of specific regulations and requirements that must be met to progress through the Pre-AT curriculum. Some of these are listed below; others are available in the College Student Handbook (<http://www.drake.edu/cphs/handbookspolicies/>).

Many courses have prerequisite requirements. Admission to a course is denied if prerequisite courses have not been successfully completed. Therefore, deviations from the curriculum as it is structured require careful consideration. Course prerequisites may be found in the area of the catalog.

Students may apply a maximum of nine hours of elective coursework on a credit/no credit basis toward graduation. Courses regularly graded on a credit/no credit basis are not included within the 9 hours maximum. The student must have a minimum cumulative GPA of 2.75 before registering in a course on a credit/no credit basis.

Pre-AT students are assigned a faculty member as their academic adviser. Faculty advisers help students:

- Adapt to the college environment

- Assist in the development of the student's education plan by providing input and feedback
- Encourage discussions about the appropriateness of their chosen career track and the career options within the profession
- Assist in identification of opportunities for professional skill development and
- Make appropriate referrals to university student service offices when academic or personal difficulties arise.

The Academic and Student Affairs Office is responsible for coordinating the registration process, verifying appropriate registration of courses, approving educational plan waivers and transfer credit requests, updating degree audits with regard to substitutions, waivers and transfer courses, answering student questions regarding registration, credit completion, course transfer process and study-abroad opportunities, and coordinating and communicating opportunities for internship, study abroad, research and postgraduate study. The final responsibility for completion of graduation requirements, however, belongs to the student and, accordingly, each student should become familiar not only with the curriculum but also with the academic regulations of the college.

### **Program Notes**

Professional Electives (minimum 22 credits)

Courses below may be used to fulfill the elective categories; other courses may be used as approved. A minimum of 16 professional electives must be completed at the undergraduate level. Additional professional electives will be completed through the MAT program at Drake. If admitted to the Drake MAT Program, required credit minimums in Biomedical Sciences and Health Sciences Professional Electives are waived.

#### HSCI Undergraduate Courses

- BIO 133/L – Kinesiology & Lab – 4 cr.
- BIO 134/L – Exercise Physiology & Lab – 4 cr.
- HSCI 107 – Skeletal Muscle Structure & Function – 3 cr.
- HSCI 149 – Intro to Athletic Training & Sports Medicine – 3 cr.
- PHAR 126 – Principles of Nutrition – 2 cr.

#### AT Graduate Courses

- HSCI 263 – Pharmacology for Future Health Professionals – 3 cr.
- PHAR 132 – Pathophysiology – 3 cr.

## Pre-Occupational Therapy

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### Degree Option

Bachelor of Science (B.S.) degree with a major in Health Sciences

Regulations and Academic Requirements (

Pre-Occupational Therapy web site (<https://www.drake.edu/ot/pre-occupationaltherapy/>)

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### Program Overview

Students in the Pre-OT program will earn a Bachelor of Science in Health Sciences degree on either a 3-Year or 4-Year track prior to beginning the Occupational Therapy Doctorate (OTD) program. Students will apply for admission into the OTD program in their last year of completing the B.S. degree. These students will follow much of the same curriculum as the students in the Clinical and Applied Sciences track, with a few modifications.

In addition to several foundational courses in biomedical sciences and liberal arts, all Pre-OT students will enroll in the Issues in Health Sciences course series. The Issues in Health Sciences courses provide an introduction to the professions within the health care system, as well as the opportunity to explore current issues and controversies facing health care professionals in multiples fields. Pre-OT students will have an opportunity through the Issues in Health Sciences courses to shadow in an occupational therapy environment, as well as opportunities for career exploration, learning innovation and practice management skills, and understanding the health care system.

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### Requirements for Major

The following is a list of courses that Pre-OT students would take at Drake while completing their bachelor's degree to prepare for admission into the OTD program.

Course	Credits
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
BIO 013 - General Biology II lecture	3
BIO 013L - General Biology II lab	1
CHEM 001 - General Chemistry I lecture	3
CHEM 002 - General Chemistry II lecture	3
CHEM 003 - General Chemistry I lab	1

CHEM 004 - General Chemistry II lab	1
ECON 002 - Microeconomics	3
FYS 0-- - First Year Seminar	3
HSCI 020 – Introduction to Health Sciences	2
HSCI 021 – Professionalism in Health Care	2
HSCI 025 – Introduction to the U.S. Health Care System	3
HSCI 055 – Innovation and Leadership in Health Sciences	3
HSCI 060 - Statistics in Health Sciences	3
HSCI 095 - Medical Terminology	1
HSCI 105 – Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literacy	3
HSCI 125 - Medical Physiology & Lab	4
HSCI 141 - Human Anatomy with lab	3
HSCI 155 - Issues in Health Sciences V	3
HSCI 172 - Evaluating Research Literature	3
HSCI 196 - Senior Experience I	4
HSCI 197 - Senior Experience II	4
MATH 050 - Calculus I	4
PHY 011 - Gen Physics I	4
PSY 001 - Intro to Psychology	4
General Electives (including SCSR 073)	27
Professional Electives (including PSY 076 and HSCI 146)	22
<b>Total</b>	<b>124</b>

Professional Electives for the Pre-Occupational Therapy track (minimum of 22 credits):

<b>Biomedical Science (min 3 cr)</b>	<b>Health Sciences Electives (min 6 cr)</b>	<b>Business Electives (no min cr)</b>	<b>Psychology Electives (no min cr)</b>	<b>Leadership Electives (no min cr)</b>
BIO 095-199	EDUC 172	ACCT 040-199	PSY 002-199	LEAD 050-199
CHEM 100-199	HSCI 100-199	BLAW 060-199	SCSS 081	
NSCI 001-199	PHAR 100-199	BUS 006-199		
PHY 012-199	SPAN 154	ECON 003-199		
		FIN 095-199		
		INS 051-199		
		MGMT 110-199		
		MKTG 101-199		

With prior approval from the College of Pharmacy and Health Sciences, students may complete some of these courses via Advanced Placement (AP) credit or dual credit courses taken in high school. Students must earn a 4 or higher on the AP exam or earn a C or higher in a dual credit course in order to receive credit for and fulfill these courses. See Drake University's credit policy or the page for more information.

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## Regulations and Academic Requirements

Pre-Occupational Therapy students should become familiar with the General Information section of this catalog, which covers many regulations that affect all Drake University students. The College of Pharmacy and Health Sciences also has a number of specific regulations and requirements that must be met to progress through the Pre-Occupational Therapy curriculum. Some of these are listed below; others are available in the Health Sciences Student Handbook (<http://www.drake.edu/cphs/handbookspolicies/>).

Many courses have prerequisite requirements. Admission to a course is denied if prerequisite courses have not been successfully completed. Therefore, deviations from the curriculum as it is structured require careful consideration. Course prerequisites may be found in the area of this catalog.

Students may apply a maximum of 9 hours of elective coursework on a credit/no credit basis toward graduation. Courses regularly graded on a credit/no credit basis are not included within the 9 hours maximum. The student must have a minimum cumulative GPA of 2.75 before registering in a course on a credit/no credit basis.

All Pre-Occupational Therapy students are required to complete a senior capstone experience (HSCI 196/197) prior to graduation. Due to regulations at many of the experiential sites used for the senior capstone experiences, the college will complete a criminal background check and drug screen prior to entering the senior capstone year. Senior capstone sites have the right to refuse to accept a student based on the results of the criminal background check. Many of these sites also require that a copy of the background check is forwarded to them. Students who have positive drug screens and will be entering their senior capstone experience will be referred to the Chemical Dependency Policy.

Pre-Occupational Therapy students are assigned a faculty member as their academic adviser. Faculty advisers help students:

- Adapt to the college environment
- Assist in the development of the student's education plan by providing input and feedback
- Encourage discussions about the appropriateness of their chosen career track and the career options within the profession
- Assist in identification of opportunities for professional skill development and
- Make appropriate referrals to university student service offices when academic or personal difficulties arise.

The Academic and Student Affairs Office is responsible for coordinating the registration process, verifying appropriate registration of courses, approving educational plan waivers and transfer credit requests, updating degree audits with regard to substitutions, waivers and transfer courses, answering student questions regarding registration, credit completion, course transfer process and study-abroad opportunities, and coordinating and communicating opportunities for internship, study abroad, research and postgraduate study. The final responsibility for completion of graduation requirements, however, belongs to the student and, accordingly,

each student should become familiar not only with the curriculum but also with the academic regulations of the college.

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## **Global and Comparative Public Health**

The information on this page pertains to program requirements for students who matriculated in the 2020-2021 academic year. View requirements for previous catalog years here: [www.drake.edu/catalog/](http://www.drake.edu/catalog/).

### **Program Option**

Global and Comparative Public Health Concentration

Global and Comparative Public Health web site

(<https://catalog.drake.edu/undergraduate/cphs/areas/globalandcomparativepublichealth/>)

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### **Program Overview**

A concentration in Global and Comparative Public Health (G.C.P.H.) prepares students to be active participants in improving the health of their own and other communities worldwide. Students will gain an understanding of the determinants of the health of populations; the available options to improve the health of populations; and the evidence demonstrating the efficacy of these options.

Through the GCPH concentration, students will learn to:

1. Identify the determinants of health. These determinants will include but are not limited to biological, environmental, economic, political, institutional and social factors;
2. Describe the various public health interventions that may influence the health of populations and differentiate between them;
3. Explain how the health status of a given population is interdependent with the health of all populations globally;
4. Explain and give examples of how culture relates to health and apply this knowledge to conversations about health in different settings;
5. Explain how the indicators of health of a given population may be assessed;
6. Analyze the relationship between health and social justice;
7. Describe the factors (social and cultural) that affect the relevant behaviors of a population;
8. Devise the questions that may be asked to examine the health of a population;
9. Apply evidence-based thinking to population health concerns.

The G.C.P.H. concentration complements various majors, including Biology, BCMB, Pharmacy, Health Sciences, International Relations, Politics, Law, Politics and Society, Sociology, Environmental Science and Policy, and Philosophy. Students who complete the program will be well prepared for graduate study and/or careers in fields related to public health.

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## Global and Comparative Public Health Concentration

A total of 21 credits are required, distributed as follows (see course catalog to identify any prerequisites for listed courses):

Course	Credits
<i>Required Courses</i>	9
HSCI 143 - Introduction to Epidemiology	3
HSCI 144 - Introduction to Public Health	3
POLS 127 - Global Health	3
<i>Electives - choose at least one course from the Natural Sciences list and one course from the Social Science/Humanities list:</i>	12
Natural Sciences	
BIO 021 - Biological Basis of Disease	3
BIO 092 - Introduction to Ethnobotany	3
BIO 108 - Emerging Infectuous Disease	3
BIO 111 - Evolved Foodways	3
BIO 182 - Immunology	3
CHEM 012 - Food and Health	3
Social Sciences and Humanities	
HIST 194 - Public Health History	3
HSCI 142 - Community Health Education	2
HSCI 153 - Health and Development	3
PHIL 124 - Health and Social Justice	3
PHIL 151 - Environmental Justice	3
POLS 169 - Critical Perspectives on Public Health Policy	3
SCSA 138 - Global Reproductive Politics	3
SCSS 071 - Environmentalism in the United States	3
SCSS 076 - Inequality and Public Health	3
SCSS 145 - Food and Society	3
SPAN 165 - Spanish for Health Care Providers	1-3
WLC 148 - Intercultural Communication	3
Experiential Learning - ( <i>Local or international</i> ) <i>Experiential learning is NOT a required part of the concentration. However, credit-bearing experiences that have been approved ahead of time may count as an elective under either Natural Sciences or Social Sciences/Humanities, depending upon content.</i>	
With the exception of the pre-approved experiences listed below, the following guidelines apply:	
1. Experiences that do not receive academic credit cannot be counted.	

<p>2. Academic credit must be arranged beforehand either through Drake (e.g., an internship or independent study arranged through a college, school or department and supervised by an instructor) or through a study abroad provider.</p> <p>3. The student requesting that a credited experience be counted toward GCPH elective requirements must present the GCPH Director with a description of the experience, a brief written justification explaining why the student believes that the experience meet the learning objectives of the GCPH program and a letter of support from either the student’s academic adviser or the instructor who will supervise the experience. These materials must be submitted prior to the experience. The GCPH Director will make the final determination of whether the experience qualifies for GCPH elective credit.</p> <p>4. Experiential credit may replace one elective course, but not more than one.</p> <p>The following courses - open to Pharmacy students only - are pre-approved for 3 credits under experiential learning for GCPH elective credit under Natural Science:</p> <ul style="list-style-type: none"> <li>• PHAR 285 Hillside Clinic - Belize</li> <li>• PHAR 285 Pravara Institute of Medical Sciences - India</li> <li>• PHAR 285 University of KwaZulu-Natal - South Africa</li> </ul>	
Total	21

Students may declare the concentration by filling out a form through their college administrative office.

# Course Descriptions

Course descriptions are maintained in the Drake University Shared Information Systems Database (MyDUSIS).

To search the course descriptions you must first select a term and then enter your search criteria.

Be aware that a course may only be offered every other year. Drake evaluates alternatives to the "term only" search and apologize for any inconvenience this may cause.

Course Numbers	
001 - 099	Primarily for first-year students and sophomores
100 - 199	Primarily for juniors and seniors; may be taken for graduate credit
200 - 299	Limited to graduate students
300 - 399	Limited to those holding master's degrees
The Law School and Occupational Therapy Doctorate programs follow a modified course numbering system.	

## ABA 242 - BEHAV ANALYSIS CHILD DEVELOP

This course is designed to provide students with an understanding of the behavior analytic approach to child development. By the end of the course, students should be able to understand the differences between the behavior analytic approach and other developmental system approaches and be familiar with the current literature as it relates to general areas of development (e.g., motor, social, emotional, cognitive). The course will be a mix of lecture presentations and classroom discussion.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Undergraduate

Schedule Types: Lecture, Web Instructed

## ABA 246 - ETHICS AND PROFESSIONAL ISSUES

This course will orient students to the ethical and professional guidelines for Board Certified Behavior Analysts. The course will review ethical guidelines for assessment, treatment, and research. Students will learn to describe and apply professional and ethical guidelines specifying the Behavior Analysts' responsibility to their clients, colleagues, and field and to society.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

## ABA 248 - PSYCHOLOGY OF DEV DISABILITIES

This course will provide students with a foundation in etiological, diagnostic, ethical, and treatment-related considerations affecting services for individuals with autism and other disabilities. Topics of study will include current data on causal variables, issues in early identification, and a survey of evidence-based models of treatment, outcome evaluation, and effective systems support for individuals with pervasive developmental

disabilities.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### ABA 251 - THEORETICAL FOUNDATIONS

This course will provide students with a comprehensive review of the theoretical foundations of radical behaviorism and the history of behaviorism in psychology. The primary focus will be to outline the fundamental underpinnings of a science of the individual. Students will be exposed to Skinner's theoretical writings, which will be compared and contrasted with contemporary conceptualizations of complex human behavior.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### ABA 255 - APPLIED BEHAVIOR ANALYSIS

3.000 Credit hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

#### ABA 262 - PRINCIPLES BEHAVIOR ANALYSIS

This course will orient students to the concepts, processes, and scientific principles of behavior on which the field of applied behavior analysis was founded. Topics of study will include the history and defining features of applied behavior analysis as well as the role of basic principles in producing socially meaningful behavior change (positive and negative reinforcement, punishment, discriminative control of behavior, and motivating operations).

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### ABA 263 - RES METHODS IN BEHAV ANALYSIS

An examination of the factors to be considered in observing and measuring behavior and environment; methods of recording data with emphasis on the conditions under which each method is most appropriate. An overview of strategies and tactics of experimental design in behavior analysis. Includes strengths and weaknesses of single organism methodology in basic and applied research. Topics include issues of experimental logic, experimental control, variability, data analysis and display, and interpretation of

experimental findings.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### ABA 264 - BEHAVIORAL ASSESSMENT

This course will provide an introduction to key concepts, methods, and ethical considerations associated with behavioral assessment. Course objectives will include teaching students to distinguish between idiographic and norm-referenced assessment approaches, to conduct pertinent behavioral assessments (preference assessments, functional assessments, and skills assessments), and to incorporate assessment outcomes with treatment selection and design in accordance with contemporary best practices in the field of applied behavior analysis.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### ABA 265 - BEHAVIORAL INTERVENTIONS

This course will prepare students to identify, implement, and maintain effective behavioral interventions in applied settings. Specific objectives will include teaching students to select and implement function-based interventions for the reduction of problem behaviors, skills-based prevention strategies, and a variety of behavioral teaching tactics. Tactics for promoting procedural integrity and facilitating the generalization and maintenance of treatment effects also will be reviewed.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### ABA 267 - EVIDENCE-BASED TEACHING

This course will provide students with a comprehensive review of empirically-supported behavioral teaching procedures for individuals with autism and related disabilities. Topics will focus on teaching skills in a variety of content areas such as language, social, and self-help. Procedures for teaching these include match-to-sample discrimination training, task analysis, as well as prompting procedures including prompt fading and video modeling.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### ABA 268 - VERBAL BEHAVIOR

This course will expose students to the basis for a functional analysis of human language with an emphasis on application. Topics will include the elementary verbal operants, the ways in which verbal behavior is established, the relevance of the behavior of the listener, and the organization of verbal behavior. Focus will be placed on the use of an analysis of verbal behavior in addressing socially significant problems.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### ABA 272 - SUPERVISION AND PERFORMANCE

The purpose of this course is to introduce students to a behavior-analytic approach to supervision and personnel management. The aim of this course is for student to be able to apply skills related to personnel supervision and performance management across settings, including schools, homes, and clinics. At the end of this course, students should be familiar with the literature and practice related to using behavior-analytic supervision, risks of ineffective supervision, assessing personnel skills, competency-based personnel training, monitoring treatment integrity, making data-based and fuction- based decisions on personnel performance, strategies to improve performance, and effecting the effects of supervision.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

### ABA 290 - SPEC TOPICS APL BEHAV ANALYSIS

This seminar will conduct an in-depth review of a current topic in Applied Behavior Analysis. Topics may include but are not limited to: social development, performance management, stimulus control, behavioral therapy.

3.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Lecture, Web Instructed

Education: Leadership & Couns Department

### ABA 292 - SUPERVISED PRACTICUM IN ABA

This practicum will involve at least 14 hours per week (total of 210 per semester) of work in a supervised clinical practice, educational, or research setting in which procedures based on behavior-analytic principles are implemented.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

## Education Department

### ABA 293 - ADVANCED SUPERVISED PRACTICUM

The objective of this course is to provide students with advanced skills related to the development of clinical skills to design, implement, and modify behavior-analytic programs, to assess and treat problem behavior, and to supervise and train others implementing behavior-analytic programs; to provide students with training to develop professional skills; and to provide students support and mentoring for practicum activities.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

### ABA 294 - ADV PRACTICUM AND CAPSTONE

The objective of this course is to provide students with advanced skills related to the development of clinical skills to design, implement, and modify behavior-analytic programs, to assess and treat problem behavior, and to supervise and train others implementing behavior-analytic programs; to provide students with training to develop professional skills; and to provide students support and mentoring for practicum activities and the capstone project, portfolio, and exam to complete the ABA program.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

### ACCT 0-- - ACCT-LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

## Accounting Department

### ACCT 041 - INTRO TO FINANCIAL ACCOUNTING

The elements of the financial statements, accounting for deferrals, the double-entry accounting system, internal control and cash, receivables and payables, inventory, operational assets, long-term debt, equity transactions, income measurement, and comprehensive treatment of the balance sheet, the income statement and the statement of cash flows. Financial statement analysis will be integrated throughout the course. Prereq.: None.

3.000 Credit hours

3.000 Lecture hours

Levels: Law, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

All Sections for this Course

## Accounting Department

Course Attributes:  
Critical Thinking

### ACCT 042 - INTRO TO MANAGERIAL ACCOUNTING

Explaining manufacturing and nonmanufacturing costs and how they are reported in the financial statements, computing the cost of providing a service or manufacturing a product, determining cost behavior as activity levels change, accumulating and presenting relevant data for decision-making, profit planning and budgeting, capital expenditure decisions and financial statement analysis. Prereq.: ACCT 041.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Accounting Department

### ACCT 1-- - ACCT-UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Accounting Department

### ACCT 105 - ACCOUNTING INFORMATION SYSTEMS

A study of accounting information systems in organizations. Includes extensive use of accounting software, the study of transaction styles, and study of the financial accounting process on an accrual basis. Prereq.: ACCT 041 and ACCT 042 (concurrent ok) and IS 044.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

### ACCT 110 - MANAGERIAL ACCOUNTING

A study of managerial accounting, including the following topics: cost terms and purposes, cost classification, job costing, determination of cost behavior, cost-volume-profit analysis, operational budgeting and responsibility accounting, standard costing, inventory costing and capacity analysis, and direct cost/overhead variance analysis. The course makes extensive use of Excel within the context of the course content, teamwork, and case analysis. Prereq.: ACCT 042 and IS 044.

3.000 OR 4.000 Credit hours



Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

#### ACCT 120 - ADVANCED MANAGERIAL ACCOUNTING

An in-depth study of advanced managerial accounting concepts, including the role of accounting in strategic and operational decision-making, activity-based costing/management, and performance evaluation using both financial and non-financial performance measure. The course also emphasizes teamwork and case analysis. Prereq.: ACCT 110.

3.000 Credit hours

Levels: Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Accounting Department

#### ACCT 125 - COST MGMT SYSTEMS

A study of cost management systems that provide management accounting information useful in reducing costs across the value chain. The course uses case analysis, current journal readings and teams. Prereq.: ACCT 042 and IS 044.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

#### ACCT 165 - FINANCIAL ACCT I

A study of the institutional structure for the promulgation of financial accounting standards, the theoretical foundation of financial accounting including the conceptual framework of financial reporting, revenue recognition, financial statements, International Financial Accounting Standards (IFRS), and the application of generally accepted accounting principles to current and noncurrent assets. Prereq.: Junior standing and ACCT 042.

3.000 OR 4.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

#### ACCT 166 - FINANCIAL ACCT II

Continuation of ACCT 165. An in-depth study and analysis of generally accepted accounting principles for liabilities, deferred taxes, pensions, other post-employment benefits, leases, and stockholders' equity. Prereq.: ACCT 165.

3.000 OR 4.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

Course Attributes:  
Information Literacy

### ACCT 167 - FINANCIAL ACCT III

Continuation of ACCT 165 and 166. An in-depth study and analysis of generally accepted accounting principles for investments, business combinations, foreign denominated transactions and statements, accounting changes, the income statement, the balance sheet, and the statement of cash flows. Prereq.: ACCT 166.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

### ACCT 175 - AUDITING PRINCIPLES

An introduction to auditing theory and practice. Emphasis is on financial, operational, compliance and fraud auditing within private and governmental organizations. Prereq.: Junior standing, ACCT 080 or 105, and ACCT 165.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

### ACCT 185 - INDIVIDUAL TAXATION

An introduction to tax theory, concepts and technical tax law focusing on individual taxpayers. Emphasis is on the determination of taxable income, deductions, credits, tax planning possibilities, and technological tax resources. Prereq.: Junior standing and ACCT 042.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

ACCT 186 - BUSINESS ENTITY TAXATION

An advanced study of taxation focusing on the treatment of partnerships, corporations, trusts, estates and gifts. The development of tax research skills is emphasized. Prereq.: Junior Standing and ACCT 185.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Undergraduate

Schedule Types: Lecture, Web Instructed

Accounting Department

ACCT 198 - SPECIAL TOPICS

Timely or innovative course in accounting. Not scheduled regularly.

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Accounting Department

ACCT 199 - INDEPENDENT STUDY

Individual advanced study and research under faculty supervision.

1.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

Accounting Department

ACCT 210 - ACCOUNTING FOR NOT-FOR-PROFIT

A study of accounting and financial reporting for state and local governmental units and not-for profit organizations including colleges and universities, hospitals, voluntary health and welfare organizations and other nonprofit entities. Prereq: MBA 242 or equivalent, graduate standing and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Accounting Department

### ACCT 230 - INDEPENDENT STUDY

Advanced individual study or research under the supervision of the faculty.

1.000 TO 6.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Accounting Department

### ACCT 255 - TAX RESEARCH AND PLANNING

A study of advanced taxation topics. Emphasis is on research, ethics, practice, and planning. Students will also develop oral and written communication skills. Prereq: ACCT 185 and 186 or equivalent, graduate standing, and consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law, Professional Health Care

Schedule Types: Lecture, Web Instructed

Accounting Department

### ACCT 265 - EMERGING ACCOUNTING ISSUES

Examines the development of accounting theory, policy, and institutions. Studies how the Financial Accounting Standards Board (FASB) and International Accounting Standards Board (IASB) apply underlying concepts to accounting problems. Prereq.: MBA 242 or equivalent, graduate standing, and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Accounting Department

### ACCT 275 - SEMINAR IN AUDITING

A study of advanced auditing topics. Emphasis is on topics directly related to the practice of public accounting. Prereq: ACCT 175 or equivalent, graduate standing, and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Accounting Department

### ACCT 276 - IT AUDITING

This course presents information systems audit and control concepts, including IT governance, risk analysis, information security, IT outsourcing, data governance, and system development and design. Businesses rely heavily on digitized information contained in a variety of information systems. It is important for accountants, and more specifically auditors, to understand information systems and how they relate to financial and general organizational controls. There will be focus on understanding and auditing general and application controls. Prereq: MBA 242 or equivalent, graduate standing, and the consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

#### ACCT 277 - FRAUD EXAMINATION

A study of occupational fraud and abuse in business organizations. Examples of topics covered include ghost employees, skimming, check tampering, false shipments of inventory, kickbacks, Ponzi schemes, and fraudulent financial statements. Case studies are used extensively. Prereq.: MBA 242 or equivalent, graduate standing and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

#### ACCT 278 - INTERNAL AUDITING

This course examines the internal audit activity's role in governance, risk, and internal controls. Course includes internal audit standards, ethics, audit techniques, conducting and managing the internal audit engagement, reporting results, and emerging issues. This course covers the design of business processes and the evaluation of key control concepts by using a case study approach to address areas of operations, finance, and technology. Prereq: MBA 242 or equivalent, graduate standing, and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

#### ACCT 280 - FINANCIAL STATEMENT ANALYSIS

The ultimate responsibility for the preparation and integrity of corporate financial statements rests with management. This course studies financial accounting and reporting issues, problems and practices and the underlying concepts and standards needed to analyze and understand them. A general management perspective is used. Prereq: MBA 242 or equivalent, graduate standing and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Accounting Department

#### ACCT 291 - ACCOUNTING PRACTICUM

A significant experience in accounting in a position requiring responsibility that is comparable to that expected full-time employees who are college graduates on a management track or who have an undergraduate degree in accounting. The student must complete a research paper or develop a teaching case - based on this experience and present results to the faculty of the School of Accounting. Prereq.: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Lecture, Web Instructed

Accounting Department

#### ACCT 298 - CURRENT ISSUES IN ACCT

Special topics seminar. Topics vary. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Accounting Department

#### ACCT V-- - Accounting with validation

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

#### ACTS 0-- - ACTS-LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

Actuarial Science Department

## ACTS 050 - INTRO TO ACTUARIAL SCIENCE

This course will provide an overview of the actuarial science program at Drake University and of the professional exams of the various credentialing societies. During the course, students will be exposed to the different types of jobs and functions that actuaries perform. Guest speakers will be included from the Des Moines area insurance community and will lead discussions on topics of their expertise. Case studies will be incorporated to demonstrate actuarial concepts. Prereq.: Actuarial Science first year or first semester transfer student majors only.

0.000 Credit hours

0.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Actuarial Science Department

## ACTS 1-- - ACTS-UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Actuarial Science Department

## ACTS 120 - THEORY OF INTEREST

Measurement of interest; solution of interest problems; basic and general annuities; yield rates; amortization schedules and sinking funds; bonds; yield curves; duration + immunization; stochastic approaches. Prereq.: MATH 070.

3.000 Credit hours

Levels: Non Degree Coursework, Undergraduate  
Schedule Types: Lecture, Web Instructed

Actuarial Science Department

## ACTS 120L - THEORY OF INTEREST LAB

Lab to accompany ACTS 120, providing further practice with actuarial science problems.

0.500 Credit hours

Levels: Undergraduate  
Schedule Types: Lab, Web Instructed

Actuarial Science Department

## ACTS 121 - INTRODUCTION TO DERIVATIVES

Derivatives and their use in managing risk; forwards, futures, options, swaps; hedging and speculative strategies based on options; Black-Scholes formula + Option Greeks. Prereq.: One of STAT 071 or STAT/MATH 130 or (ACTS/MATH 131 concurrent allowed); MATH 028 or higher; FIN 101 or ACTS 120.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Actuarial Science Department

### ACTS 131 - INTRODUCTION TO PROBABILITY I

An introduction to probability concepts; including definition of probability; independence; conditional probability; random variables; specific discrete and continuous probability distributions; multivariate random variables; moments and moment generating functions; functions of random variables; sampling distributions and central limit theorem. Prereq.: MATH 100.

3.000 Credit hours

Levels: Non-Drake, Undergraduate  
Schedule Types: Lecture, Web Instructed

Actuarial Science Department

### ACTS 131L - PROBABILITY I LAB

Lab to accompany ACTS 131, providing further practice with actuarial problems.

0.500 Credit hours

Levels: Undergraduate  
Schedule Types: Lab, Web Instructed

Actuarial Science Department

### ACTS 135 - MATHEMATICAL STATISTICS

This course will provide the basic concepts of sampling, estimation, confidence intervals, hypothesis testing. Prereq.: ACT 131 or MATH 131.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Actuarial Science Department

### ACTS 150 - LIFE INS MATH I



Present value determination for life insurances and annuities; benefit premiums and reserves. Prereq.: ACTS 120, ACTS 131.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Actuarial Science Department

#### ACTS 155 - LIFE INSURANCE MATHEMATICS II

This course is based on the learning objectives set by the professional examination "Long-Term Actuarial Mathematics" given by the Society of Actuaries (SOA). This course will introduce students to fundamentals in life insurance. Prereq.: ACTS 150.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Actuarial Science Department

#### ACTS 161 - SHORT-TERM ACTUARIAL MATH I

This course is the first in a two-course sequence on material relating to short-term actuarial mathematics. During the course, students will learn statistical modeling procedures for both the frequency of claim counts and the severity of claim amounts. They will also be exposed to methods relating to the pricing and reserving of short-term insurance coverage, which includes P&C, health, and group lines of business. They will apply concepts from their prior probability-based class when modeling insurance claims, and will learn methods to adjust for coverage modifications (e.g., deductibles, policy limits, coinsurance, and inflation). Prereq.: ACTS 131.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Actuarial Science Department

#### ACTS 165 - SHORT-TERM ACTUARIAL MATH II

This course is the second in a two-course sequence on material relating to short-term actuarial mathematics. During the course, students will learn statistical modeling procedures for both the frequency of claim counts and the severity of claim amounts. They will also be exposed to methods relating to the pricing and reserving of short-term insurance coverage, which includes P&C, health, and group lines of business. They will apply concepts from their two prior probability-based classes when modeling insurance claims using both frequentist and Bayesian frameworks, while also learning credibility methods. Prereq.: ACTS 135.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Actuarial Science Department

#### ACTS 190 - CASE STUDIES INS & ACT SCI

This seminar will be led by one of the full-time actuarial science/insurance faculty, although on several occasions, guest speakers from the Des Moines area community will lead discussions on topics of their expertise. The course will present a synthesis of key topics first learned in earlier courses, with special emphasis on applying skills that will be most useful in the workplace. Pedagogy will consist primarily of case studies and real world projects sourced from the insurance industry, with somewhat in-depth written reports and presentations by the students. Prerequisite: Senior Standing. Cross-listed with INS 190.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Actuarial Science Department

#### ACTS 198 - TOPICS IN ACT SCI

Timely or innovative course in actuarial science. Not scheduled regularly.

0.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Actuarial Science Department

#### ACTS 199 - INDEPENDENT STUDY

Individual advanced study and research under faculty supervision.

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

Actuarial Science Department

#### ACTS V-- - Actuarial Science

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

#### ADED 199 - SELECTED TOPICS

Internship, Diversity, Marketing Training Programs, Career Planning, Adult Transitions, Instructional Technology, Gender, Communication, Web-Based Training, and more.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education Administration Department

#### AEED 238 - LEADING/LEARNING FUNCTION

The course is concerned with the planning and implementation of Adult Education/Human Resource initiatives. Topics include mission of programs, planning, marketing, budgeting, hiring, outsourcing, and implementation from a programmatic perspective. Offered Spring

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education Administration Department

#### AEED 265 - PROGRAM & PARTICIPANT EVALUATION

Students investigate the four levels of evaluation (reaction, learning, behavior and results) and related approaches to data collection.

2.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education Administration Department

#### AEED 268 - COACHING & COLLABORATION

This three-hour class provides models and learning opportunities for participants to improve their own practices as they relate to coaching others and collaborating with others in the workplace.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education Administration Department

#### AEED 298 - SPECIAL TOPICS

Internships, Diversity, Marketing Training Programs, Career Planning, Adult Transitions, Instructional Technology, Gender Communication, Web-Based Training, and more.

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

ADED 299 - THESIS

3.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Education Administration Department

AI 010 - INTERDISC PERSPECTIVES ON AI

This course serves as an introduction to the Artificial Intelligence major and minor. The aim of the course is to provide an overview of Artificial Intelligence through the lens of multiple disciplines, including computer science, philosophy, psychology, linguistics, literature, and business. The course will feature a number of outside speakers with expertise drawn from the above-listed areas. Upon completion of the course, students should have a foundation of the main ideas and concepts they will explore more deeply in later classes in the program.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

AI 036 - NATURES OF LEARNING & INTELLIG

This course will explore contemporary and historical perspectives on learning and intelligence. Drawing from philosophy, psychology, and neuroscience, we will explore common themes and open-questions regarding the natures of learning and intelligence. Interactions between technological development (e.g., artificial intelligence) and views about learning and intelligence will be explored.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

AIRS 003 - INTRO LEADERSHIP LAB & TRAIN

Catalog Description maintained by Iowa State University.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

AIRS 004 - INTRO LEADERSHIP LAB & TRAIN

Catalog Description maintained by Iowa State University.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

AIRS 005 - INTR LDRSH LAB&TRNG

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture/Lab Combo, Web Instructed

Air Science (ISU) Department

AIRS 020 - AIR FORCE PHYSICAL TRAINING

Catalog Description maintained by Iowa State University.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

AIRS 031 - FOUNDATIONS OF THE USAF

Catalog Description maintained by Iowa State University.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

AIRS 032 - FOUNDATIONS OF THE USAF

Catalog Description maintained by Iowa State University.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

AIRS 071 - BASIC LEADERSHIP LAB & TRAIN

Catalog Description maintained by Iowa State University.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

AIRS 072 - BASIC LEADERSHIP LAB & TRAIN

Catalog Description maintained by Iowa State University.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

AIRS 091 - EVOL OF USAF AIR & SPACE POWER

Catalog Description maintained by Iowa State University.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

AIRS 092 - EVOL OF USAF AIR & SPACE POWER

Catalog Description maintained by Iowa State University.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

**AIRS 103 - INTRM LEADERSHIP LAB & TRAIN**

Catalog Description maintained by Iowa State University.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

**AIRS 104 - INTRM LEADERSHIP LAB & TRAIN**

Catalog Description maintained by Iowa State University.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

**AIRS 131 - AIR FORCE LEADERSHIP STUDIES**

Catalog Description maintained by Iowa State University.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

**AIRS 132 - AIR FORCE LDRSHIP STUDIES II**

Catalog Description maintained by Iowa State University.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

### AIRS 141 - FOUNDATIONS OF THE USAF I

Basic introduction to the United States Air Force and Air Force Reserve Officer Training Corps. Mission and organization of the Air Force, officership and professionalism, military customs and courtesies, Air Force officer opportunities, and communication skills. Leadership Laboratory is mandatory for AFROTC cadets and complements this course by providing cadets with followership experiences.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Air Science (ISU) Department

### AIRS 151 - TEAM & LDRSHP FUNDMENTALS

Uses basic military training skills and instruction to develop confidence, leadership, communication skills and physical fitness. The team approach is utilized in the instruction and application of Air Force physical fitness requirements. Students will learn various Air Force physical fitness techniques as well as how to conduct physical fitness sessions. Full participation in all events will be determined based on student's physical and medical eligibility.

1.000 Credit hours

1.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Air Science (ISU) Department

### AIRS 171 - ADVCOND LEADERSHIP LAB & TRAIN

Catalog Description maintained by Iowa State University.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

### AIRS 172 - ADVCOND LEADERSHIP LAB & TRAIN

Catalog Description maintained by Iowa State University.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed



Division Undeclared Division  
Air Science (ISU) Department

**AIRS 191 - PREPARATN ACTV DUTY**

Catalog Description maintained by Iowa State University.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Air Science (ISU) Department

**AIRS 192 - NATIONAL SECURITY**

Catalog Description maintained by Iowa State University.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Air Science (ISU) Department

**ALOP 199 - SPECIAL TOPICS**

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education Administration Department

**ALOP 258 - LEADING THE LEARNING FUNCTION**

The learning function is one of the most critical within any organization. As a leader and manager, the learning professional must also be a project manager, internal consultant, team leader and corporate strategist - all at the same time! This course explores the challenges and critical components of leading and managing a learning function that serves as a strategic partner in an organization's total performance strategy. Key topics include business alignment, developing and implementing a training business plan, positioning the learning function for maximum benefit and accountability, managing multiple projects, and implementing a contribution analysis to your learning function.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

**ALOP 265 - USING EMERGING TECH FOR LEARN**

2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### ALOP 268 - COACHING AND COLLABORATION

This three-hour class provides models and learning opportunities for participants to improve their own practices as they relate to coaching others and collaborating with others in the workplace.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Division Undeclared Division

Education Administration Department

#### ARAB 0-- - ARABIC LOWER LEVEL TRANSFER CR

1.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture

World Languages and Cultures Department

#### ARAB 001 - BEGINNING ARABIC I

This course will lay down the foundation of modern standard Arabic; starting with learning the alphabet, the sound of each letter, learning vocabulary, listening, reading and writing skills. The course then will cover some basic knowledge in Arabic grammar, pronouns, and conversation in daily life topics, such as meetings and greetings, countries and languages, and managing conversations about travel using Arabic language in the conversation.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

#### ARAB 002 - BEGINNING ARABIC II

This course will continue building the foundation of modern standard Arabic, including some more grammar, listening, reading and writing, and conversational skills in more topics, such as daily activities, clothing, foods and meals, adjectives and house-related conversations.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand

#### ARAB 051 - INTERMEDIATE ARABIC I

Third in a series of courses that develop reading, speaking, listening, writing, and cultural skills in Arabic. Course includes video materials and stresses communication in formal and spoken Arabic. Intermediate Arabic I, like Beginning Arabic I & II, is based on the 2nd textbook from the Al-Kitaab Arabic language program: Al-Kitaab fii Ta'allumi al-'Arabiyya/ A Textbook for Arabic, Part I. It includes three DVDs that feature contextualized vocabulary, cultural background and illustrations, and new listening comprehension materials with each lesson. The course is designed to help students move from the beginning level of proficiency, which centers on daily life and their immediate world, to the intermediate and advanced, which broadens to include topics of general interest. In addition to the main video text (the so-called "qissa"/"short story"), students will also find additional authentic texts for reading and listening comprehension, vocabulary and grammar exercises, close listening and speaking activities.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

#### ARAB 052 - INTERMEDIATE ARABIC II

Fourth in a series of courses that develop reading, speaking, listening, writing, and cultural skills in Arabic. The course includes video materials and stresses communication in formal and spoken Arabic. Intermediate Arabic II is designed to help students move from the Intermediate Arabic I level to advanced level. Through directed independent study, students work with a combination of textbooks, workbooks, audio, video, software, and online materials and meet with a native-speaker language partner. This course is based on the Al-Kitaab fii Ta'allumi al-'Arabiyya / A Textbook for Arabic, Part II.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand

#### ARAB 150 - ARABIC LANG & CLTR

This is a topics course for advanced language learners. Students may repeat this course as the topic changes.

0.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

#### ARAB 160 - ARABIC LANG & LIT

A course for language learners with advanced skills that aims to enhance fluency in the target language and develop greater knowledge of its literatures. Students research a specific literary topic, work, or genre in the

language under study, then present and explore their findings in class.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### ARAB 170 - INDEPENDENT STUDY

Students enrolled in this course utilize their language skills to pursue an area of interest while working directly with a professor of the language.

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Independent Study, Web Instructed

#### ART 0-- - ART LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Art & Design Department

#### ART 013 - 2-D DESIGN

Introduction to the elements and principles of design, and composition on two dimensional surfaces. Emphasis is placed on learning the processes of composing elements of graphic language on two dimensional surfaces, and on how to apply them in fine art studio and applied design areas.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

#### ART 014 - CONSTRUCTING SPACE

Introduction to the elements and principles of three-dimensional design. This course will investigate the processes and spatial concepts involved in making three dimensional objects in response primarily to pragmatic objectives through a variety of materials, tools, and technical procedures.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 015 - OBSERVATIONAL DRAWING

Introduction to basic drawing. Emphasis is on the development of traditional drawing skills as a basis for expressive representation and visual communication. Concentration on the understanding of pictorial composition and spatial organization utilizing the basic graph elements of line and tone. Students draw primarily from direct observation using a variety of media.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed  
All Sections for this Course

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 016 - CONCEPTS IN DRAWING

Continuance of ART 15. Prereq.: ART 15.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Art & Design Department

### ART 019 - MICROCOSM, MACROCOSM

An art-making course with emphasis on the intersection of visual language and the natural world. Beginning with a critical look at Leonardo da Vinci's use of drawing to hypothesize about living systems, students will use visual language to critically examine the historical role of art in the rise of biology as a contemporary science while gaining a better understanding of their own relationship with the natural world in the process. The course will consist of studio work, critiques, critical analysis of selected readings, and videos as well as field trips to important resource sites locally and statewide. No prereq. Non-major encouraged.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 021 - DIGITAL MEDIA

An introduction to Macintosh OS based computer applications for design and production providing students with the basic technical knowledge and skills necessary for a contemporary artist or designer. This course will focus on the development of visual thinking skills while learning current raster-based image-editing and vector-based drawing applications. Students will be expected to develop professional working habits and skills while being supervised in the classroom. Prerequisites: Must be first-year or sophomore to enroll and an Art & Design major, or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 050 - IDEA OF DESIGN

Idea of Design is a hands-on studio course that explores the process and product we call "design". Open to both majors and non-majors. No prerequisites.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience, Critical Thinking

### ART 051 - TYPOGRAPHY

Introduction to the fundamentals of typography, and particularly on how typographic form and visual arrangement support content. Through a series of projects, critiques, and lectures, students develop technical skills and sensibilities. Class lectures will include an introduction to letterforms and typefaces, typographic terminology, and a historical and contemporary overview of typography. Prerequisites: ART 013, ART 015, and ART 021.

3.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

### ART 052 - FORM & CONCEPT

Introduction to the basic formal and conceptual proficiencies necessary for the design of visual communications. Lectures, projects, and critiques develop the students' skills through the critical evaluation of conceptual, formal, and technical ability. Students develop a visual and verbal design vocabulary and the requisite skills needed for making and thinking about form and concept.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Art & Design Department

### ART 056 - INTRODUCTION TO PRINTMAKING

Introduction to the art (theory and practice) of making multiple original prints. Studio work surveys the printing processes, characteristics, materials, and developmental approaches used by the artist in making relief, intaglio, lithographic, and mono prints.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

### ART 057 - INTRO TO RELIEF PRINTMAKING

An introduction to relief image-making processes and printing techniques. Students will learn how to effectively carve wood, linoleum, and metal surfaces for printing, giving special attention to multiple color printmaking. An introduction to mono printing, or "press painting," also will be offered. Original prints, from antique to contemporary, will be examined and referenced for the advancement of student creativity. The development of individual concepts will be encouraged, as well as the application of students' cross-disciplinary interests.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

### ART 058 - INTRO TO INTAGLIO PRINTMAKING

An introduction to the processes of creating visual images on metal plate for press printing. A complete range of intaglio techniques will be taught, including etching, utilizing both solid and liquid drawing media. Original prints, from antique to contemporary, will be examined and referenced for the advancement of student creativity. The development of individual concepts will be encouraged, as well as the application of students' cross-disciplinary interests.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

#### ART 059 - INTRO LITHOGRAPHIC PRINTMAKING

An introduction to a complete range of drawing and printing techniques in the medium of lithography. In this course, students will draw using both solid and liquid media on lithographic stones and learn how to effectively process and print these images. Original prints, from antique to contemporary, will be examined and referenced for the advancement of student creativity. The development of individual concepts will be encouraged, as well as the application of students' cross-disiplinary interests.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

#### ART 063 - PUSHING PAINT

Painting composes color, form, dimension and structure into visual phenomena on literal and figurative planes. Learning the art begins by building craft. This course will focus on fundamental tools, materials, and processes; is organized into three studio sections for subject matter: Nature Morte, Landscape, The Self; is complimented by study of representative historical and contemporary practitioners and will lay a good foundation upon which individuals may build.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

#### ART 064 - PAINT AND STORY

This course explores the art of storytelling with paint. Historically, narrative gave painting its fundamental purpose. From then to now, visual storytelling looks in varied ways to nature, the spiritual, society, community, the self; takes up a rich variety of forms that may be intensely illusionistic, cartoonistic or symbolic; seeks to make sense of and/or question human presence in the world. Finding and telling story aligns with increased technical challenge and is assisted by the study of representative and contemporary multicultural artists.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed



Art & Design Department

**ART 065 - INTERMEDIATE DRAWING**

Drawing from life and still life in various media. Prereq.: ART 16.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

**ART 070 - ART AND CHEMISTRY**

This course examines the intersections of art and chemistry, with specific focus on the medium of painting. It is grounded in the questions of what art history can learn from chemical studies of artworks, and how knowledge of art history can guide chemical inquiries. Topics include the materials and processes of art making; the authentication, restoration, and conservation of art and their ethical implications; and the historical circumstances in which specific artworks were created. The course will include lecture, discussion, laboratory experiments, and field trips.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Art & Design Department

Course Attributes:

Artistic Experience, Int Study Humanities/Sciences

**ART 071 - BLACKSMITHING & ART OF UTILITY**

This course will explore the relationships of form to function through the styling of utilitarian objects while maintaining a strong consideration of aesthetic appeal. Through the application of metal working techniques, students will design and create useful objects for a distinct purpose or function.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:

Artistic Experience

**ART 072 - JEWELRY II**

Introduction to metalsmithing as a craft and art form. Emphasis on fundamental techniques in material manipulation through hammering processes such as forging and planishing; advanced construction techniques such as shell structure and metal inlaid. Prereq.: ART 71.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

#### ART 074 - INTRO TO ART

The course emphasizes the understanding of the creative process as it applies to the visual arts. The process involves analysis of the art of the past and present and explores the relationship and function of art to the individual and society.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

#### ART 075 - THEMES IN ART HISTORY

Using a thematic approach, this course introduces students to the discipline of art history. The theme will change, according to semester, but students may expect to be introduced to a range of western and non-western art as a means to explore how visual images provide a way to understand both our past and present world. No pre-requisites.

0.000 OR 4.000 Credit hours

Levels: Graduate, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lab, Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience, Historical Foundations

#### ART 078 - RECYCLE AND REPURPOSE

This introductory studio course will explore three-dimensional form through making sculpture by repurposing discarded or obsolete materials and objects.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 079 - BUILDING IDEAS

Introduction to the basic principles and concepts of sculpture through building with a variety of materials, processes, and tools.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 080 - SCULPTURE II

Continuance of Sculpture I with additional emphasis placed on individual direction and style. Prereq.: ART 79.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

### ART 081 - FORGING THE IMAGINATION

Introductory studio course focusing on making representational, abstract, and functional objects out of steel. Traditional and contemporary methods will be introduced including oxy-acetylene and arc welding, forging, fabrication, and assembly. Through progressive projects students will achieve the ability to conceive and develop an idea in three dimensions; develop manual dexterities with a range of metal working tools and techniques; become critically aware of representational, abstract, and functional objects; and gain contemporary and historical perspectives.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture/Lab Combo, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 090 - DRAWING IN TIME

Drawing in Time is a course that encourages students to use drawing methods and materials to make time-based art works and films. The course will teach students concepts of animation, video art, performance, sound art, and other time-based media using a range of software. Students will also learn basics of finalizing projects, presentation, editing, post-production, and promotion of their films.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 099 - PLANET(S): AN ART STUDIO

Planet(s) - a theme based, mixed media art studio of both risk and play that will explore visual expression through research of the historical development of our understanding of biological, meteorological, geological and astronomical systems. Open to both majors and non-majors. No prerequisites. For more information contact: Associate Professor Angela Battle.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 1-- - ART UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Art & Design Department

### ART 100 - DESIGN ISSUES

This course considers issues relevant to contemporary design practice and seeks to build awareness of the critical perspectives used in the evaluation of design, including a history of ideas about the role of design in culture and of ideas informing design practice over time. Topics will range from semester to semester, but the exploration of how design both reflects and shapes cultural, social, and temporal values and contexts will be the central themes of the course. Prerequisite: Prior Art or History course work.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

#### ART 101 - GRAPHIC DESIGN HISTORY

Graphic Design History is a comprehensive overview of the events, ideas, movements, designs, and individuals that have significant historical influence on the practice of contemporary graphic design. The course focuses not only on the individuals who developed and established the graphic design profession but also the designers who are currently redefining it. Course activities will include lectures, discussions, readings, writings, videos, projects, quizzes, and tests. Prerequisite: Sophomore standing and ART 021

3.000 Credit hours

Levels: Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

#### ART 102 - THEORY & PRACTICE

An examination of the theoretical and critical practices that shape graphic design. This course covers the theoretical idea 20th century from early modernism to post-structuralism and links them to the ethical, cultural and social issues of contemporary graphic design practice. This course will consist of videos, readings, discussions, quizzes, exams, written evaluations and presentations. Prerequisites: Art & Design Major and Sophomore status or permission of instructor.

3.000 Credit hours

Levels: Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Art & Design Department

#### ART 103 - ART OF INDIA, CHINA, AND JAPAN

An illustrated historical study of the architecture, sculpture, and painting of India, China, and Japan, and of the Asian regions strongly influenced by them. Prereq.: Sophomore standing.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience, Historical Consciousness

#### ART 104 - FREEDOM/SLAVERY/EMANCIPATION

Political and cultural revolutions from the eighteenth through the early twentieth centuries ignited debates about basic human rights and equality. How were these rights defined, validated, and resisted? This course explores the role of visual material in developing discourses of freedom in the Atlantic World of this period. It also reveals how those seeking to expand freedom often used visual symbols of enslavement to make their case. Topics include: representations of political revolutions in the United States, France, and Haiti; the visual rhetoric of slavery and emancipation in the U.S., the Caribbean, and Brazil; and the visual promotion of female suffrage in England and the United States. The class will encompass a range of media, including popular prints and cartoons, paintings, photography, and sculpture. Our emphasis in this discussion-based course will be in making connections across geographic regions and types of freedom rather than seeing them in isolation. We also will reflect critically on connections between historical and present-day struggles for economic, gender, and racial equality.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Global and Cultural Understand

#### ART 105 - ITALIAN RENAISSANCE ART HISTORY

An illustrated study of painting, sculpture, and architecture made in Italy between 1300 and 1600. Prereq.: ART 074 or ART 075.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Historical Consciousness

#### ART 106 - 17TH/18TH CENTURY ART

An illustrated study of European painting and sculpture from the Early Baroque to the beginning of the Neo-Classical. Artists covered include Caravaggio, the Carracci, Bernini, Rubens, Poussin, Velazquez, Rembrandt, Watteau, Hogarth, and Tiepolo. Prereq.: Art 074 or ART 075.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Historical Consciousness

#### ART 107 - 19TH CENTURY ART HISTORY

An illustrated survey of art and architecture created in Europe and the United States during the nineteenth century. Prereq.: ART 074 or ART 075.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Historical Consciousness

#### ART 108 - AMERICAN ART HISTORY

An illustrated study of painting, sculpture, architecture, and related arts of the United States from the Colonial Period to the present. Prereq.: Sophomore Standing

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience, Historical Foundations, Historical Consciousness

#### ART 109 - MODERN ART HISTORY

An illustrated examination of painting, sculpture, and architecture from the turn of the century to 1945. Prereq.: ART 074 or ART 075.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Historical Foundations, Historical Consciousness

### ART 110 - ART SINCE 1945

An examination of major developments in American and European art from the post-war period to the present.

Prereq.: ART 074 or ART 075.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:

Historical Foundations, Historical Consciousness

### ART 112 - SELECTED TOPICS IN ART HISTORY

This course examines specific topics in art history not otherwise covered in art curriculum. Students may repeat the course as long as a different topic is covered.

0.000 TO 4.000 Credit hours

0.000 TO 3.000 Lecture hours

0.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Art & Design Department

Course Attributes:

Historical Foundations

### ART 114 - WEB DESIGN

This course provides both a hands-on introduction to contemporary technical practices employed in web design and a conceptual framework with which to solve web-based communication problems. By developing basic understanding of coding, working knowledge of styling, familiarity with current programs, and fluency with relevant terminology, students will become able to conceptualize, organize, construct, and design for the web.

Prerequisites: ART 051 or ART 052, or permission of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:

Community Engaged Learning

### ART 115 - ADVANCED TYPOGRAPHY



This advanced course expands upon the foundations of typography, its theory, practices, technology, and history. Studies focus on the exploration of compositional systems, relationships to structural form and materiality to solve complex visual communication problems. Projects reflect applications with specific audiences, contexts, and production criteria. Relevant aspects of design history and theory are examined in relation to course projects. Prerequisites: ART 051 and ART 052.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

#### ART 116 - CONTENT & AUDIENCE

This advanced course expands upon the design skills acquired in the introductory courses by emphasizing conceptual thinking as the basis of the design process. Students are asked to develop their conceptual, formal, and technical abilities through projects that explore the creation of meaning through form, image, methodology, and experimentation. Projects involve research and analysis in relation to specific audiences, contexts, and production criteria. Relevant aspects of design history and theory are examined in relation to course projects. Prerequisites: ART 051 and ART 052, or permission of instructor.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Art & Design Department

#### ART 118 - AMERICAN LANDSCAPES

Focusing on the concept of landscape, this course uses an interdisciplinary approach to examine how residents of the United States have described, pictured, and altered their physical environment between the colonial period and the present. In examining historical and theoretical analyses of landscapes, we will discover that the words and images that we use when contemplating our surroundings influence the way that we relate to the world and the decisions that we make about it. The course considers a variety of visual material (maps, photographs, paintings, films, etc.). It is organized thematically, investigating several familiar categories of landscape including wilderness, public parks, and the private lawn, as well as patterns in the composition and symbolism of landscape imagery. The course includes field trips to area landscapes.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Artistic Experience, Historical Foundations

#### ART 119 - MATERIAL WORLD OF ART

What would cause someone to physically attack an artwork? What does science tell us about the unanticipated changes in artworks over time? How difficult is it to move an artwork from one location to another? In our

digital age, we have become distracted from the material dimensions of making, transporting, encountering, and conserving artworks. This course re-grounds visual art in the physical world, taking seriously the properties and interactions of art materials and the impacts of first-hand encounters with it. It also reveals specific aspects of art's social significance that are not captured effectively in photography, such as the ways in which art's materiality connects to spiritual, political, or technological practices. Looking at these issues in earlier periods of time sheds light on our own ideas about material, labor, time, and space.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 123 - CRITTERS 101

This non-traditional course will take a critical and creative look at the lives of animals through the lenses of natural history, the biological sciences, mythology, art, poetry, fiction, and film and then provide the environment for expression of "lives" yet to be examined. Sparked by research "lives" become evidence through the arts of 2-D, 3-D, video, fiction, poetry and music. As you entangle your lives with the lives of animals, you will be encouraged to explore expressive methods both inside and outside of familiarity. Open to non-majors.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 125 - PAINT AND ABSTRACTION

The counterpart to identifiable image based art making is still a walk of tools, materials and processes but shifts conceptually towards work that is described as abstracted, non-objective or non-referential. Such artwork may be removed or stylized from recognizable form to land anywhere along a continuum that stretches from ambiguity to the defying of labels. Process based, driven by systems of thinking from the logical to the deeply personal, visual continuums of abstraction will be explored as fundamental, formal art making elements take center stage. The study of practioners from the 19th into the 21st centuries provide catalyst.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Art & Design Department

ART 126 - QUESTIONING PAINT

Contemporary painters might question the function of the craft in an age of rapid technological and cultural change. These artists "go off frame," combine paint with unusual materials and/or shape painted surfaces into three dimensions; approach installation. Such artistic choices refresh meaning and reasons for making artwork by pushing at traditions. "Questioning Paint" will explore the potential of unusual approaches; encourage rule breaking; require experimentation and will be backed up by the study of various representative practitioners.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

ART 129 - PROFESSIONAL INTERNSHIP PRGM

A cooperative work program with graphic designers, social agencies, and other qualified professionals in the visual arts. The submission of a portfolio or other evidence of on-the-job achievement is required. The program is based on 60 hours of work by the student for one hour of credit. Prereq.: Completion of 40 hours of college credit.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Art & Design Department

ART 130 - INDEPENDENT STUDY

Directed Independent study in Art.

1.000 TO 3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Art & Design Department

ART 139 - INTERMEDIATE SCULPTURE I

More advanced study of sculpture and the relationship of form to material and content. Prereq.: ART 80.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

**ART 140 - INTERMEDIATE SCULPTURE II**

Continuance of ART 139. Prereq.: ART 139.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

**ART 145 - SPECIAL TOPICS**

This course examines specific topics not otherwise covered in the studio art curriculum. Specific section numbers and course titles will designate these courses. Students may repeat the course if the topics of the course differ. Prerequisites will vary depending on the course offered.

3.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

**ART 147 - PRINTMAKING: RELIEF II**

Continuance of ART 57. Course maintains the same aims, structure, and evaluation as ART 57. Concentration will be in relief processes found to have been most conducive to the student's development of individual artistic identity. Relief etching, collography and combinational methods will be given greater emphasis. Prereq.: ART 57.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

**ART 148 - PRINTMAKING: INTAGLIO II**

Continuance of ART 58. Course maintains the same aims and structure as ART 58. Concentration will be in intaglio processes found to have been most conducive to the development of the student's individual artistic identity. More advanced techniques such as photo etching and multiple- plate and color viscosity printing will be introduced. Prereq.: ART 58.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

ART 149 - PRINTMAKING: LITHOGRAPHY II

Continuance of ART 59. Course maintains the same aims, structure, and evaluation as ART 59. Concentration will be in lithographic processes found to have been most conducive to the development of the student's individual artistic identity. Aluminum plate, photo, and color lithography will be introduced. Prereq.: ART 59.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

ART 150 - SPECIAL TOPICS/ GRAPHIC DESIGN

This course examines specific topics not otherwise covered in the graphic design curriculum. Specific section numbers and course titles will designate these courses. Students may repeat the course if the topics of the course differ. Prerequisites will vary depending on the course offered.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Art & Design Department

Course Attributes:

Artistic Experience

ART 151 - PUBLICATION DESIGN

This course covers a variety of topics central to the design of long format publications. Through the development of applied projects, students will build on their existing skills in graphic design and typography in order to develop the more complex conceptual, formal, and technical skills utilized to design publications.

Prerequisites: ART 115 or ART 116, or permission of instructor.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:

Community Engaged Learning

ART 153 - BOOKBINDING WORKSHOP

Bookbinding Workshop is a 3 credit hour studio course and may be used as a graphic design program elective, a studio art elective or a general art elective, and satisfies the Artistic Experience AOI. This course requires Sophomore standing or instructor permission. Bookbinding Workshop is an introduction to the craft and design of a variety of book forms using traditional and non-traditional binding techniques. The primary goal of the course is for the student to learn basic book binding techniques and gain sufficient technical knowledge to create a variety of bound book structures and explore the historical and formal traditions of book binding. Course activities will include demonstrations, discussions, readings, practical exercises, applied projects, and class critiques.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Law, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:

Artistic Experience

#### ART 154 - ADVANCED WEB DESIGN

This course provides the opportunity for students to build on their introductory web design experience in order to conceptualize, organize, and execute more complex projects and more dynamic interactivity. Projects may be collaborative and/or interdisciplinary in nature. Prerequisites: Art 114 or permission of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:

Community Engaged Learning

#### ART 155 - RESEARCH & APPLICATION

This course will allow advanced students the ability to further their development of a personal graphic language. Students are expected to have confidence in their formal and conceptual abilities in projects that allow for freedom and responsibility. There will be an emphasis on complex design processes as students learn how to produce high-quality products and manage multiple priorities at once. Prerequisites: ART 115 and ART 116, or permission of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Community Engaged Learning

### ART 156 - CONTEXT & PROCESS

This advanced course provides the opportunity for students to apply their design capabilities to more complex projects with more independent processes. Students will be expected to develop content within given contexts prior to making decisions about media and format, thereby enabling deeper and broader consideration of conceptual possibilities for visual communication. Given that students will be making individual choices about media, there could be additional costs for materials. Prerequisites: Art 115 and Art 116, or permission of instructor.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Community Engaged Learning

### ART 157 - PRINTMAKING: ADVANCED RELIEF

Advanced relief problems arranged with instructor. Prereq.: ART 147.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

### ART 158 - PRINTMAKING: ADVANCED INTAGLIO

Advanced intaglio problems arranged with instructor. Prereq.: ART 148.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

### ART 159 - PRINTMAKING: ADV LITHOGRAPHY

Advanced lithographic problems arranged with instructor. Prereq.: ART 149.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

ART 160 - PRINTMAKING: SPECIAL PROBLEMS

Advanced intaglio problems arranged with instructor. Prereq.: ART 62.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

ART 161 - APP DESIGN & DEVELOPMENT

This interdisciplinary, team-taught course (cross-listed in Computer Science, Graphic Design, and Journalism) focuses on the strategic design and development of mobile applications. A series of group projects will promote collaborative learning by integrating individuals with diverse but complementary skill sets, mirroring a professional work environment.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

ART 162 - ADV PRINT SPEC PROBS

Advanced studio work in relief, intaglio, or lithography. Original research problems are arranged with the instructor. Prereq.: ART 148 or ART 149.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

ART 163 - PAINTING THESIS I

This course allows painting majors the breadth and depth of time and space needed to explore and develop unique visual voice. The rigorous merging of conceptual and technical investigations is expected as students begin to build a "body or work" in anticipation of the capstone experience of a Senior Thesis Exhibition. The course is taken as the first in a sequence of two that will essentially model professional artistic practices and highly encourage individuality.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed



Art & Design Department

### ART 164 - PAINTING THESIS II

This course continues to provide space, time and mentorship as the development and progress made in Painting Thesis 1 is furthered. It is the final course in the BA/BFA painting sequence and culminates with the Senior Thesis Exhibition.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Art & Design Department

### ART 165 - ADVANCED DRAWING

Prereq.: ART 66.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

### ART 167 - INTRO TO LETTERPRESS PRINTING

Introduction to the basic formal and technical proficiencies necessary for the design and implementation of letterpress printing. Lectures, projects, and critiques develop the students' skills through the critical evaluation of historical, conceptual, formal, and technical abilities. Students develop a visual and technical expertise and the requisite skills needed for creating letterpress printed material.

This course is an introduction to letterpress and basic graphic design practices focusing on the formal organization of visual elements and the technical process of printing, resulting in creative communication. The course places emphasis on the process and method of various forms of letterpress printing to derive formal solutions to the projects. The course also includes a parallel "hand-craft" component focusing on the development of professional level artistic skills. Course activities will include demonstrations, discussions, readings, practical exercises, applied projects, and class critiques. Specific course content and schedule are subject to change and/or modification.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience

### ART 175 - SENIOR STUDIO ART CAPSTONE I

A course emphasizing the collection, organization, and presentation of a portfolio. To be taken concurrently with Senior Studio Problems I.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Art & Design Department

### ART 176 - SENIOR STUDIO ART CAPSTONE II

A course concerned with the organization and presentation of the senior thesis exhibition (capstone experience).

4.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

### ART 177 - ART AND PERCEPTION

The Oxford dictionary defines perception as "a way of regarding, understanding or interpreting something: a mental impression." This class explores the importance of perception as applied to the visual arts. For instance, questions addressed might include: what separates Chinese aesthetic from Nigerian aesthetic from Renaissance aesthetic? How does a modern-day viewer's perception include all of these divergent forms of art--and more? How are found objects perceived to be considered art? How does a 2-D surface convey a 3-D illusion? The course will be reading-intensive and will involve the curation of an exhibition or an alternate engagement with art objects to convey manners of perception. The class is discussion based; students will be required to do reading each week and respond to the text in writing with images of art. Additionally, notes will be required on each reading to have more in-depth discussions. The note-taking will be mandatory. The reading list will change each year, depending on the idea of perception being pursued, but the core list will include: Walter Benjamin, Lewis Carroll, Franz Kafka, Le Zehou, Barbara Stafford, and Tang Hou.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:

Artistic Experience

### ART 179 - ADVANCED SCULPTURE I

Individual problems in sculpture with an emphasis placed on the development of a series of related work.

Prereq.: ART 140.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

ART 180 - ADVANCED SCULPTURE II  
Continuance of ART 179. Prereq.: ART 179.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

ART 185 - ART NOW: MONUMENTS & MEMORY

Monuments are the official memory sites of nations. This course investigates national monuments and the ideas of nationhood they address. It asks what memories are important to particular nations and how these are expressed in public monuments. The definition of monuments is extended and transformed by examining other nations and asking what objects or spaces serve the function that monuments serve in Euro-American culture. Through this class, students will understand monuments as part of lived public space, and investigate how they relate to national struggles and issues of power. Further, the course demonstrates that public art and public memory is always political. We will look at the possibility of a global world of art, and what that means in terms of individual culture and national identity.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Art & Design Department

Course Attributes:  
Artistic Experience, Critical Thinking

ART 191 - DESIGN PRACTICUM

This course is a requirement for all BA and BFA graphic design majors and satisfies the Drake Curriculum capstone requirement for these majors. Students will develop both a presentation and online portfolio, collateral items, and a resume and other business communication documents as well as develop skills useful in seeking employment. Secondly, this course prepares students for the day-to-day activities of a graphic designer, including project development and management. Students are introduced to all required projects on the first day of class and are responsible for developing briefs and managing diverse projects throughout the semester. This course should be taken the last spring semester before graduation. Pre-req: ART 115 and ART 116.

2.000 TO 3.000 Credit hours

2.000 TO 3.000 Lecture hours

Levels: Undergraduate

Schedule Types: Independent Study, Self-paced, Web Instructed

Art & Design Department

#### ART 192 - BA SENIOR CAPSTONE

This one credit course is designed for the advanced level BA student in any of the Studio Art areas to include painting, sculpture, printmaking, and drawing. It is to be taken concurrently with either the Advanced I or Advanced 2 level courses in the selected studio art area. The student works with their major professor to write an artist's statement, to successfully complete the BA Senior Thesis exhibition and to produce the BA Senior Capstone visual portfolio.

1.000 Credit hours

1.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

Art & Design Department

#### ART 197 - ART HISTORY CAPSTONE

The Art History Capstone introduces students to the professional practice of curating by involving them in the preliminary research and planning of an on-campus exhibition or in its execution, including layout and installation.

4.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Art & Design Department

#### ART 199 - ART & THEORY

Visual art is a way of communicating; it participates in a dialogue about a wide spectrum of social, political and cultural concerns. Cultural theorists directly analyze art, while ideas from social critics, such as Karl Marx, impact art indirectly but powerfully. In turn, artwork responds to criticism and expands it. By reading canonical texts written by art and cultural theorists, students will examine the changing relationships between art and society. They will also extend their explorations of the cultural relationships by applying each theory to specific art works, seeking those that best embody the theories explored. Prerequisite: Art 075 and junior or senior standing required. Art major or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Art & Design Department

ASL 0-- - ASL LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

World Languages and Cultures Department

ASL 001 - AMERICAN SIGN LANGUAGE

The central focus of this course is the development of basic expressive and receptive ASL communication skills. The course introduces ASL syntax, grammar, and idiomatic usage. Students begin to develop the visual-spatial acuity and non-manual skills necessary for communication in ASL. Students learn about deafness and deaf culture.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

World Languages and Cultures Department

ASL 002 - AMERICAN SIGN LANGUAGE II

This course expands upon the material introduced in ASL 001. Expressive and receptive communication skills continue to be the focus. Students develop an increased awareness of ASL usage and syntax. Finger-spelling skills are strengthened. Students participate in discussions and exploration of deaf culture.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

World Languages and Cultures Department

Course Attributes:  
Global and Cultural Understand

ASL 070 - DEAF CULTURE

ASL 070 examines contemporary deaf culture and provides an overview of its historical development. The course examines values, norms, cultural identity, communication, and language of the deaf culture. It also examines significant societal contributions made historically by members of the deaf community. Comparisons and contrasts are made between deaf culture and hearing culture.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

World Languages and Cultures Department

Course Attributes:  
Global and Cultural Understand

ASTR 0-- - ASTR LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Physics & Astr Department

ASTR 001 - DESCRIPT ASTRONOMY

A one semester course, primarily for non-majors, focusing on the highlights of results obtained from a study of the universe, including the solar system, stellar evolution, galaxies, black holes and cosmology. Emphasis on physical principles, the deductive process and the impact of the developing knowledge on society. Three hours lecture per week. No prereq.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Physics & Astr Department

Course Attributes:  
Physical Science

ASTR 003 - CONTEMPORARY TOPICS SEMINAR

A seminar course introducing students to contemporary developments and problems in Physics and Astronomy presented by the faculty. The purpose of the course is to share the fascination and excitement of Physics and Astronomy, learn what to anticipate in their studies of these fields and become informed on the professional opportunities. The course also serves as an introduction to scientific presentation and writing.

1.000 Credit hours  
1.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### ASTR 01L - DESC ASTRONOMY LAB

Optional laboratory program that complements ASTR 1. Rooftop night observations, laboratory bench experiments and observations at the Drake Municipal Observatory. Formal reports including numerical computations required. Three hours one evening per week. Coreq.: ASTR 001.

1.000 Credit hours

1.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Physics & Astr Department

Course Attributes:

Physical Science

### ASTR 041 - ASTRONOMICAL TECHNIQUES

This course is an introduction to the basic tools and analytical concepts used in modern astronomical research. A project-based course, students will be involved in astronomical observation, data reduction and analysis. Emphasis will be placed on observational techniques using modern digital detectors, specifically CCDs. The class is primarily but not exclusively designed for astronomy majors. A strong background in trigonometry and analytical geometry will be assumed. Prereqs.: ASTR 001 and MATH 050.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Physics & Astr Department

Course Attributes:

Quantitative

### ASTR 051 - GENERAL ASTRONOMY

A survey of the solar system, planetary motions, binary stars, the sun as a star, evolution of stars, and stellar structure. Emphasis on mathematical descriptions and model development. Three hours lecture per week. Prereq.: ASTR 1, PHY 1 and Math 50 or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### ASTR 071 - PROBL IN POSITN ASTR

The celestial sphere in relation to the earth. Latitude, longitude, time, positions, and motions of celestial bodies. Occasional observations at the Drake Municipal Observatory. Prereq. or coreq.: Plane trigonometry and consent of instructor.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### ASTR 1-- - ASTR UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### ASTR 150 - SELECTED TOPICS

Study of a selected field in astronomy, according to student's interests, such as practical astronomy, astrophysics, binary stars, celestial mechanics, etc. Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### ASTR 151 - SELECTED TOPICS

Study of a selected field in astronomy, according to student's interests, such as practical astronomy, astrophysics, binary stars, celestial mechanics, etc. Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### ASTR 180 - INDEPENDENT STUDY

Directed individual study or projects in special topics, according to student's interests. A maximum of six hours may be taken by any one student in these courses. Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours



Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

#### ASTR 182 - INDEPENDENT STUDY

Directed individual study or projects in special topics, according to student's interests. A maximum of six hours may be taken by any one student in these courses. Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

#### ASTR 185 - INTRO ASTROPHYSICS I

An advanced course that discusses the physics of stars and stellar evolution. Topics include star formation, review of stellar evolution and nucleosynthesis, matter and radiation in stars, heat transfer in stars, fusion reactions, stellar structure models (analytical and numerical), white dwarfs, neutron stars and black holes. Three hours of lecture per week. Prereq.: PHY 50 or consent of instructor.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

#### ASTR 195 - INTRO ASTROPHYSICS II

An advanced course that reviews the Milky Way, the nature of galaxies, galactic dynamics (including potential theory, stellar orbits, disk dynamics and spiral structure), galactic evolution, active galaxies, structure of the universe, cosmological models and the early universe. Three hours of lecture per week. Prereq.: PHY 50 or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

#### ATHL 150 - ADVANCED TOPICS IN AT

Elective initial offering. Course titles vary. Please refer to each specific course offering for a complete course description.

1.000 TO 3.000 Credit hours

Levels: Graduate, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Athletic Training Department

Course Attributes:

Prof Athl Training Elective, Community Engaged Learning, Pharmacy Prof. Elective

#### ATHL 201 - ATHLETIC TRAINING SEMINAR I

The first in a series of four courses to enhance students' learning and progress throughout the Master of Athletic Training (MAT) curriculum. In this course, students will focus on developing an awareness of the athletic training profession, its place in the larger healthcare environment, and their own professional skills. The course will largely require students to reflect on professional socialization moments/events (IPE, Journal Club, and Blue Coat Ceremonies) and attempt to determine what skills they possess and still need to develop. The primary course format is discussion with some individual and group activities.

1.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Athletic Training Department

Course Attributes:

Community Engaged Learning

#### ATHL 202 - ATHLETIC TRAINING SEMINAR II

The second in a series of four courses to enhance students' learning and progress throughout the Master of Athletic of Athletic Training (MAT) curriculum. In this course, students will continue to focus on developing an awareness of the athletic training profession and issues that are impacting the discipline, ways in which the profession can be moved forward, and focusing on key ways to improve patient care. The primary course format is discussion with athletic training practitioners, practical practical learning opportunities, and class discussions.

1.000 Credit hours

Levels: Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Athletic Training Department

Course Attributes:

Community Engaged Learning

#### ATHL 220 - EMERGENCY CARE FOR AT

This course will provide students with advanced knowledge of first aid and emergency care. After a review of basic CPR/AED and first aid techniques, the class will focus on advanced techniques and scenario rehearsals to

provide skills and knowledge to recognize, coordinate, and provide care for emergency conditions commonly seen in active populations. Course will be taught through lecture and in-class labs/simulations.

2.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Athletic Training Department

Course Attributes:

Community Engaged Learning

#### ATHL 230 - FOUNDATIONS OF HLTH/HLTH PROMO

This course will provide students with the content and skills necessary to help enhance and establish healthy lifestyles in their patients/clients. The course will focus specifically on chronic disease, injury/illness prevention, sport performance, and public and community health. These issues will be taught through both classroom and practical learning experiences.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Athletic Training Department

Course Attributes:

Community Engaged Learning

#### ATHL 251 - EVALUATION OF INJURIES I

This course provides an introduction into the diagnosis of injuries common in athletic training. After being introduced to the basic patient evaluation and assessment techniques, students will cover common pathologies, mechanisms, and diagnostic tests associated with injuries in the lower extremity, shoulder, head, neck, and spine. Course will be will be taught through lecture and in-class discussions twice a week, with a lab session held on Fridays.

4.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Athletic Training Department

Course Attributes:

Community Engaged Learning

#### ATHL 252 - MANAGEMENT OF INJURIES I

This course focuses on a theoretical and practical introduction to therapeutic interventions in athletic training. Additionally, students are introduced to the administrative processes associated with rehabilitation and and

determining how to use evidence to determine appropriate interventions. Course topics coincide with material in ATHL 251, Evaluation of Injuries I. Course will be taught through lecture and in-class discussions twice a week, with a lab session held on Fridays.

4.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Athletic Training Department

Course Attributes:

Community Engaged Learning

#### ATHL 253 - EVAL AND MGT OF INJURIES II

This is the final course in the injury management sequence. The course will finish introducing students to injuries, conditions, and interventions commonly found and used in athletic training settings. Additionally, students will fully integrate skills and knowledge from all three courses in the management series through a sequence of interactions with capstone patients.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Athletic Training Department

#### ATHL 254 - ADV ATHL TRAINING TECHNIQUES

This course provides students with the opportunity to develop emerging skills in the field of athletic training in order to better prepare themselves for advanced clinical practice upon graduation. Students will participate in lab sessions each day in order to be exposed to and develop clinical skills being introduced.

2.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lab, Web Instructed

Athletic Training Department

#### ATHL 261 - LEV IA CLINICAL EXP: FDN OBSER

The first in a series of five experiential education courses within the Master of Athletic Training (MAT) Program. The majority of class time is spent in clinical settings gaining practical experience and developing and refining athletic training competencies and proficiencies. The course will meet weekly to discuss topics relevant to clinical experiences. This first course focuses on core practical and administrative skills necessary for practice. Students will be assessed through performance at clinical sites by themselves and preceptors on E\*Value.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Athletic Training Department

Course Attributes:  
Community Engaged Learning

#### ATHL 262 - LEV IB CLINICAL EXP: TRAD & EM

The second in a series of five experiential education course within the Master of Athletic Training (MAT) Program. The majority of the course is focused on spending time in clinical settings gaining practical experience and developing and refining athletic training competencies and proficiencies. The course will meet weekly to discuss topics relevant to clinical experiences. This second course focuses on increased time in the clinical setting to develop practical skills while assessing students growing proficiency of basic injury management skills. Students will be assessed through performance at clinical sites by themselves and preceptors on E\*Value.

4.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Athletic Training Department

Course Attributes:  
Community Engaged Learning

#### ATHL 263 - LEV IC CLIN EXP: ADV MED KNOWL

The third in a series of five experiential education courses within the Master of Athletic Training (MAT) Program. The majority of class time is spent in clinical settings gaining practical experience and developing and refining athletic competencies and proficiencies. The third course focuses on an intensive, immersion experience in a clinic/hospital setting. There will be no formal meeting time for the class. Students will be assessed through performance at clinical sites by themselves and preceptors on E\*Value. Additionally, students must pass a cumulative exam to proceed to AT2 Status.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Athletic Training Department

Course Attributes:  
Community Engaged Learning

#### ATHL 264 - LEV IIA CLINICAL EXP: AT IMMER

The fourth in a series of five experiential education courses within the Master of Athletic Training (MAT) Program. The majority of the course is focused on spending time in clinical settings gaining practical experience and developing and refining athletic training competencies and proficiencies. The fourth course

focuses on an intensive, immersion experience in an athletic training setting through which the students will gain a greater understanding of the entire daily routine for an athletic trainer. There will be no formal meeting time for the class. Students will be assessed through performance at clinical sites by themselves and preceptors on E\*Value. Additionally, students must pass a cumulative exam to receive credit for the course.

12.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Athletic Training Department

Course Attributes:

Community Engaged Learning

### ATHL 265 - LEVEL II CE: CONCENTRATIONS

The fifth in a series of five experiential education courses within the Master of Athletic Training (MAT) Program. The majority of the course is focused on spending time in clinical settings gaining practical experience and developing and refining athletic training competencies and proficiencies. The final course focuses on a capstone experience in a clinical setting of the student's choosing. The goal is for the student to receive a concentrated experience related to their desired practice site upon graduation. Students will be assessed through performance at clinical sites by themselves and preceptors on E\*Value.

4.000 Credit hours

Levels: Professional Health Care

Schedule Types: Independent Study, Lecture, Web Instructed

Athletic Training Department

### ATHL 271 - HEALTH CARE SYSTEMS & POLICIES

This course provides an overview of the current and changing health care systems and policies in the US, including history, current status, current changes and future trends. Students gain the ability to analyze state and federal systems and regulations impact on service delivery. Socio-political factors along with patients and health care providers act independently and in tandem to influence care outcomes. At the health system level, financing incentives and organizational constraints place unique pressures on care provision. The culture, beliefs and needs of health care providers and patients create expectations and place demands on the use of services. A combination of lecture, discussion of assigned reading material, in-class activities group work and reflection papers are used to facilitate comprehension of course material.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Athletic Training Department

### ATHL 272 - BEHAVIORAL AND SPORT PSYCH

This course examines foundational material in sport psychology as it relates to integrated health care, injury rehabilitation, and performance. Course readings, discussions, and assessments will address topics such as

individual and social aspects of health and performance-related behavior, as well as theoretical approaches for the promotion and support of behavior change among patients or clients. This course is designed to enable students as future health care professionals to understand the continuum of mental health, as well as learn skills and/or referral processes required to support clients spanning the continuum.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Web Instructed

Athletic Training Department

Course Attributes:  
Community Engaged Learning

#### ATHL 275 - PATIENT CNTRD APPR TO QUAL HC

This course will provide students with the content and skills necessary to incorporate patient centered care into their clinical practice and concurrently identify clinical practice improvements. Patient centered healthcare delivery is vital to the outcomes and goals following injury. Students will be able to identify healthcare disablement model and map patient outcomes. Further, healthcare quality improvement aims to improve patient outcomes and system development. Healthcare quality improvement is designed to outline a model for improvement of athletic training clinical healthcare systems. Students will be able to outline and develop ways to improve healthcare quality in their own system. This course will focus specifically on patient reported outcome measures, the disablement model, quality improvement, process diagrams, cause and effect diagrams and PDSA cycles. These issues will be taught through both classroom learning experiences and online lectures. The course will consist of quizzes, lectures, presentations and exams.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Athletic Training Department

#### ATHL 280 - RESEARCH

This course is the culmination of developing evidence based medicine to drive patient care. Students will complete a research project they have been working on throughout the MAT degree program. The members of their research group and research advisor will determine the focus of the research projects. Students will present their research projects both orally and in writing to appropriate constituencies based upon the subject matter.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Independent Study, Lecture, Web Instructed

Athletic Training Department

#### ATHL 283 - ATHLETIC TRAINING SEMINAR III

The third in a series of four courses to enhance students' learning and progress throughout the Master of Athletic Training (MAT) curriculum. In this course, students will focus on demonstrating their ability to apply learned concepts in practical applications in addition to beginning the preparation for post-professional employment or continued education. Course is taught via a hybrid format with online modules and activities in addition to practical projects to complete.

1.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Athletic Training Department

#### ATHL 284 - ATHLETIC TRAINING SEMINAR IV

The fourth in a series of four courses to enhance students' learning and progress throughout the Master of Athletic Training (MAT) curriculum. In this course, students will continue to focus on transitioning from students to practicing clinicians. This will occur through discussions and planning regarding post-professional transitions, professional socialization, and real world applications of learning in the community. Students will reflect on learning throughout the program and how they have grown and will continue to grow after gaining certification.

2.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Athletic Training Department

#### BCMB 0-- - BCMB LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Chemistry Department

#### BCMB 005 - INTRO MOLECULAR SCIENCES

This is a one-hour course for students interested in studying molecular sciences to inaugurate them into the community of scientists at Drake. It will include readings about the role of science in society, development of demonstrations that correspond with general chemistry, seminar presentations, and introduction to research projects at Drake.

1.000 Credit hours

1.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed



Chemistry Department

BCMB 099 - BCMB PROF DEVELOPMNT

This course is designed to assist students in science and science-related career paths as they look at potential career alternatives and then plan their curriculum, research, and experiences. It begins with career exploration then introduces some interdisciplinary basic skills (communication , business, technology) and finally explores job performance issues. It will typically involve sophomore students who are midway in their college careers. This will enable them to have a degree of maturity but still have time to make adjustments in their curricular plans.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

BCMB 1-- - BCMB UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Chemistry Department

BCMB 130 - BIOCHEMISTRY

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

BCMB 131 - BIOCHEM LAB

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

BCMB 132 - ADV BIOCHEMISTRY

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

BCMB 133 - ADV BIOCHEM LAB

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

BCMB 134 - MOLECULAR BIO

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

BCMB 135 - MOLECULAR BIO LAB

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

BCMB 136 - STRUCTURAL BIO

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

BCMB 137 - ADV MOLECULAR LS LAB

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

## Biology Department

### BCMB 138 - RESEARCH MENTORSHIP

Continuation of research project from Advanced Molecular Life Sciences Laboratory (Chem 137, BCMB 137, Bio 195) with teaching and leadership assignments. These select students assist in class lectures, laboratory training of novice researchers and in writing and presenting research results at professional meetings. Prereq: Advanced Molecular Life Sciences Laboratory (Chem 137, BCMB 137, Bio 195) and invitation of BCMB faculty.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

## Biology Department

### BCMB 161 - BIOPHYSICAL CHEM

The course will explore how living systems create order in a disorderly world, drive equilibria in directions dictated by immediate needs of the organism, make reactions occur so efficiently, specifically and effectively. They will explore how we observe chemical and physical properties of life's molecules (instrumental principles). They will discuss all these topics in the context of some examples that include photobiology, transport, macromolecular folding. Intended for students majoring in biochemistry, cell and molecular biology or pharmaceutical sciences. Prerequisites: at least one semester of calculus, 2 semesters of physics or consent of instructor.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Biology Department

### BCMB 195 - BCMB SENIOR CAPSTONE SEMINAR

Students in this class will read and discuss recent molecular life science articles. They will learn to read, interpret and critique research literature and integrate it with ethical and societal issues they raise. As students read the professional manuscripts, they will actively reflect upon the status of their learning over the course of their major curriculum. This self-assessment will identify whether the content and skills gained through the program curriculum, provided them with sufficient background to function as practicing scientists. This reflection will be incorporated into and complete their BCMB portfolio.

1.000 Credit hours

1.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### BCMB 198 - BCMB INTERNSHIP

Full time off-site research experience. This typically occurs in the fall of the senior year and extends one semester. Students who are interested and qualified may choose this course to gain additional practical and technical experience in academic and industrial settings. Working with a faculty advisor and practicing professionals the student will be placed in positions appropriate to their career goals. After the completion of the course, students return to Drake for completion of the graduation requirements. Prereq.: Junior standing and approval of BCMB advisor.

1.000 TO 12.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Biology Department

#### BCMB 199 - BCMB RESEARCH

Participation in and contribution to research programs in collaboration with individual faculty members. The research is the basis for a formal written report. Prereq. Consent of instructor and BCMB program director. For information on Biochemistry courses see the Chemistry section. For more information on Molecular Biology courses, see the Biology section.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed  
All Sections for this Course

Biology Department

#### BIO 0-- - BIO LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Biology Department

#### BIO 0--L - BIO LAB LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab

Biology Department

#### BIO 001 - BIOLOGICAL SCIENCES-NON-MAJORS

A survey course exploring principles and current topics in the biological sciences - origin of life; representatives of the biological kingdoms; structure and function of cells; ecology; genetics; evolution; bioethics. Applications of critical thinking in solving biological problems. Co-requisite lab: BIO 001L. For Non-Majors.

2.000 TO 3.000 Credit hours  
2.000 TO 3.000 Lecture hours

Levels: Non-Drake, Non Degree Coursework, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses, Life Science

BIO 001L - BIOLOGY LABORATORY  
Co-requisite lab for BIO 001.

1.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Undergraduate  
Schedule Types: Lab, Web Instructed

Course Attributes:  
Biology lab courses, Life Science

BIO 012 - GENERAL/PRE-PROFESSIONAL BIO I

This course covers topics cell biology, biochemistry, and genetics. The labs, which focus on content covered in the lectures, will incorporate the process of inquiry through active learning and the scientific method. Students will have repeated opportunities in the inquiry-based laboratories to develop and test hypotheses, analytically explore the natural world, collect, analyze, and formally present data. Offered fall semesters. No prerequisites. Co-requisite lab BIO 012L. Students who take BIO 012 online in the summer term must still complete the lab section, but may take BIO 012L in the fall term.

0.000 OR 3.000 Credit hours  
3.000 Lecture hours  
0.000 Other hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses, Life Science

BIO 012L - GEN/PRE-PROF BIO I LAB

Co-requisite lab for BIO 012.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

#### BIO 012PL - BIOLOGY CONCEPTS APPLICATION

This course covers topics cell biology, biochemistry, and genetics. The labs, which focus on content covered in the lectures, will incorporate the process of inquiry through active learning and the scientific method. Students will have repeated opportunities in the inquiry-based laboratories to develop and test hypotheses, analytically explore the natural world, collect, analyze, and formally present data. Offered fall semesters. No prerequisites. Co-requisite lab BIO 012L and co-requisite discussion recitation BIO 012-PL Biology Concepts Application. Students who take BIO 012 online in the summer term must still complete the lab section, but may take BIO 012L in the fall term.

0.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Discussion/Recitation, Web Instructed

Biology Department

#### BIO 013 - GEN/PRE-PROFESSIONAL BIO II

Ecology, evolution, and the physiology of animals. The labs, which focus on content covered in the lectures, will incorporate the process of inquiry through active learning and the scientific method. Students will have repeated opportunities in the inquiry-based laboratories to develop and test hypotheses, analytically explore the natural world, collect, analyze, and formally present data. No prerequisites. Co-requisite lab BIO 013L.

Students who take BIO 013 online in the summer term must still complete the lab section, but may take BIO 013L in the spring term.

0.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Course Attributes:

Biology lab courses, Life Science

#### BIO 013L - GEN/PRE-PRO BIOLOGY II LAB

Co-requisite lab for BIO 013.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

#### BIO 015 - INTRO TO BIOLOGY

Readings discussions and projects in selected areas of biology. For first-year biology students or interested open enrolled first year students.

1.000 Credit hours  
1.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

#### BIO 018 - INTRO ANATOMY/PHYSIOLOGY

Vertebrate anatomical structure and function, including evolutionary events leading to certain structures including diseases and anomalies resulting from failure of certain structures. Co-requisite lab BIO 018L.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Biology lab courses

#### BIO 018L - ANATOMY/PHYSIOLOGY LAB

Co-requisite lab for BIO 018.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

#### BIO 019 - INTRODUCTION TO BOTANY

Broad introduction to the disciplines in the science of plant biology including - morphology, anatomy, physiology, evolution, taxonomy, ecology and ethnobotany. Lecture, laboratory, field trips, term paper. Co-requisite lab BIO 019L.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Biology lab courses, Life Science

#### BIO 019L - BOTANY LAB

Co-requisite lab for BIO 019.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

### BIO 021 - SPECIAL TOPICS IN BIOLOGY

Selected topics developed by biology faculty and sometimes cross-listed with First-Year Seminars for entering first-year students.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Biology Department

### BIO 025 - ANIMAL BEHAVIOR

This course provides an introduction to the study of animal behavior often called ethology, with an emphasis on evolutionary approach. Although ethological and evolutionary approaches can be successfully applied to human behavior, this course will primarily deal with animal behavior in natural environments. We will cover a variety of topics, including: natural selection and evolution, development of behavior, neural and hormonal control of behavior, predator-prey interactions, foraging behavior, territoriality, reproductive behavior, and social behavior. In addition, students will design, conduct, write up, and present a group research project as part of their coursework. Prerequisites: PSY 001 or BIO 013 or NSCI 001.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Critical Thinking

### BIO 026L - ETHOLOGICAL METHODS

This course will provide a hands-on introduction to the methods of direct and indirect behavioral observation, including the development of observation techniques, ethogram construction, field methods, use of video and other technologies, appropriate data management and analysis. The course will have a significant component of experiential learning, including each student's individual design and execution of a substantial behavioral observation project.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Web Instructed



Biology Department

### BIO 030 - PERSONAL FITNESS & NUTRITION

A healthy lifestyle can decrease an individual's risk of obesity-related conditions such as heart disease, stroke, type 2 diabetes, and some types of cancer. In this course, you will engage in activities and discussions related to the science of fitness and nutrition. Examples of course topics include cardiorespiratory fitness, muscular endurance, muscular strength, flexibility, macro and micronutrients, metabolism, obesity-related conditions, weight loss, goal setting, and behavior. You will take action to promote health at both personal and community levels. Intended for both science and non-science majors.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:

Life Science

### BIO 031 - KINESIOLOGY ORIENTATION

Skills-focused course that helps first-year students transition from high school to college. Skills are developed in the context of exploring kinesiology as both a career and academic discipline. Intended for first-year kinesiology majors.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 032 - WELLNESS AND NUTRITION

A survey course examining physical, mental, and social aspects of wellness and nutrition as a basis for understanding and preventing health problems. Students will practice being critical consumers of wellness and nutrition information, identifying key factors necessary for improving wellness, and developing lifestyle plans to improve health.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 033 - STRENGTH & CONDITIONING

This course is an introduction to strength and conditioning. It will examine the biology and nutrition of resistance exercise, linear and lateral speed development, strength training program design and philosophy, adaptations to aerobic and anaerobic exercise, test selection and administration, and other aspects and components related to the NSCA's application of strategies for performance enhancement.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 034 - PLYOMETRICS & SPRINT TRAINING

This course is an introduction to plyometric and sprint training. It will examine the history of and development of plyometric and sprint training, basic principles of plyometric and sprint training technique, bioenergetics, biomechanics of linear and lateral speed development, plyometric and sprint practicum, warm-up procedures and movement assessments, test selection and administration, periodization and program design.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Biology Department

### BIO 036 - EXERCISE AND SPORT PSYCHOLOGY

Psychology of physical activity at both the individual (exercise psychology) and group (sport psychology) levels, viewed through psychophysiological, social-psychological, and cognitive-psychological lenses. Content is applied to both regular/professional athletes and lay people.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Biology Department

### BIO 061 - NATURE PHOTOGRAPHY

Basic to intermediate instruction in the application of photography to natural landscapes, flora and fauna. Emphasis is on making artistic images in the field using three principles that contribute to the aesthetic appeal of an image: content, technique, and composition. Major topics include the basics of digital SLR cameras and lenses, digital sensors, exposure and the use of light. Field techniques for plant, animal and landscape photography will be covered, with an emphasis on ethical practice. Students should have access to a digital SLR camera and at least one lens. No previous experience needed. Lectures, field shooting assignments, image submissions, and writing to develop photographic vocabulary.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Biology Department

Course Attributes:  
Artistic Experience

### BIO 063L - ZOO BIOLOGY

This course will provide an overview of the field of zoo biology, with emphases on the role of zoos in conservation, species survival plans, captive management of small populations of exotic animals (especially including endangered species), and the use of behavioral research and environmental enrichment methods in captive animal welfare. The course will have a significant component of experiential learning including participation in ongoing and newly-initiated behavioral research in a zoo setting. Prerequisite: BIO 013 or instructor permission.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

## Biology Department

### BIO 064 - MUSEUM CURATION

In this course you will learn to prepare scientific research specimens (science taxidermy) for the Drake University Biodiversity Center. Concurrently, you will learn about diversity, anatomy, and biology of vertebrates, invertebrates, or plants. We will meet once a week for three hours throughout the semester, and you will become proficient with the following: specimen preparation, specimen data collection methods, proper specimen storage techniques, and a host of other museum curation related skills. If you are interested, please contact the Vertebrate Biologist, Plant Biologist, or Invertebrate Biologist to inquire if the class will meet during a given semester. May retake a maximum of 6 semesters for credit with a maximum of 3 credits applied toward a Biology major. No prerequisites but instructor permission is required.

1.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

## Biology Department

### BIO 091 - UNDERSTANDING EVOLUTION

Introduction to modern theories of evolution and the evidence on which they are based; consideration of social and intellectual forces leading to the development of evolutionary theory. Effects of evolutionary thinking in biology and in society. No prerequisites.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 092 - INTRODUCTION TO ETHNOBOTANY

Ethnobotany is a multidisciplinary field of study that investigates the role of relationships between humans and plant populations in shaping human behavioral and biological adaptations as well as plant community structures. Topics will include uses of plants, how people think about plants and the natural world, the origins of agriculture, ecological relationships between humans and plants, and the relevance of ethnobotany to contemporary global issues.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:

Biology lab courses, Global and Cultural Understand, Life Science, International & Multicultural

### BIO 092L - INTRO TO ETHNOBOTANY LAB

Co-requisite lab for BIO 092: Laboratory exercises will focus on field techniques used in the practice of Ethnobotany, including plant identification and collection, interviewing, sampling methodologies, and data handling. Field trips can include visits to natural areas, ethnic markets, community gardens, and/or alternative healers.

1.000 Credit hours

1.000 Lab hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Biology Department

Course Attributes:

Global and Cultural Understand, Life Science, International & Multicultural

### BIO 093L - LAB/FIELD ASSISTANT

Student assistant in biology laboratory/field research setting. Prereq: Consent of instructor.

1.000 TO 2.000 Credit hours

1.000 TO 2.000 Lab hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

### BIO 095 - MEDICAL MICROBIOLOGY

Structure and function of microorganisms with emphasis on human pathogens. Prereq: BIO 001, 012, 013, or 018 and CHEM 097. Intended for pre-pharmacy majors.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Off-campus catalog credit, Web Instructed

Biology Department

### BIO 098 - INTRODUCTION TO PRIMATOLOGY

This survey course focuses on the psychological, biological, and ethological aspects of primatology and will be taught from a neo-Darwinian perspective. Areas of emphasis include taxonomy, social behavior, reproductive strategies, and intelligence.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### BIO 099 - BIO RESEARCH & STAT METHODS

Introduction to research methods used in the biological sciences including hypothesis formation, research design, ethics in research, scientific integrity, data collection, probability, and confidence intervals, statistical analyses, inference and interpretation, and preparation of research papers. Lectures and project required. Prereq: BIO 001, 012, 013, or 018.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lecture, Web Instructed

Biology Department

Course Attributes:  
Critical Thinking, Quantitative

### BIO 1-- - BIO UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

Biology Department

### BIO 103 - MICROBIOLOGY

A study of microbial life with an emphasis on prokaryotes. Core concepts include evolution, cell structure and function, metabolic pathways, genetics, systems, and the impact of microorganisms in the environment and in the human body. Prerequisite: BIO 001, 012, 013, or 018. Organic chemistry recommended. Co-requisite lab: BIO 103L.

3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:

Biology lab courses

### BIO 103L - MICROBIOLOGY LAB

Co-requisite lab for BIO 103 focuses on developing scientific thinking and microbiology laboratory skills. Exercises introduce students to techniques used to safely grow, isolate, and characterize microorganisms, with an emphasis on bacteria.

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

### BIO 104 - VIROLOGY

Examination of virus structure, genetics, taxonomy, diversity and evolution, and processes of infection and replication in the context of virus-host interactions, with an emphasis on viruses influential to human society. Prereq.: BIO 001, 012, 013, or 018.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 105 - INTRO TO GENETICS

The principles of heredity and their theoretical and practical applications. Prereq: BIO 001, 012, 013, or 018. Organic Chemistry recommended.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 106L - RESEARCH IN GENETICS

Inquiry-based course designed to expose students to using scientific methods to solve a biological problem involving yeast as a genetics model organism. Students will have the opportunity to design and conduct experiments, collect and interpret data, and formally present their findings. While engaged in a research project, students will learn a variety of technical skills in classical and molecular genetics. Give the research project nature of this laboratory, students will be required to spend some time outside of class to maintain experiments. Prerequisite: BIO 105.

3.000 Credit hours  
3.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

### BIO 107 - BEHAVIOR GENETICS

This course will provide an overview of the field of behavior genetics, with special emphasis given to the use and interpretation of animal models in behavioral genetic research.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 108 - INFECTIOUS DISEASES

In-depth examination of selected infectious diseases/ epidemics in scientific, social (political, geographical), and historical contexts. Course content changes each year contingent on global and local trends and will include basic epidemiology relevant to the selected diseases. Counts for Engaged Citizen AOI.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Engaged Citizen

#### BIO 109 - ZOO/GREAT APE PRACTICUM

Supervised experience in practices and protocols used in captive animal management. conducted at off-campus locations.

2.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Biology Department

#### BIO 110 - IOWA NATURAL HISTORY

An examination and discussion of the natural history and biodiversity of Iowa and the Midwest with an emphasis on an understanding and protection of native ecosystems and their organisms. Key topics will include geological history, geomorphology and landform development, landscape ecology, observing nature and Iowa's most important natural landscapes. Opportunity for an extended overnight field trip. Offered alternate springs.

2.000 Credit hours

2.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

#### BIO 110L - IOWA NATURAL HISTORY LAB

Co-requisite lab for BIO 110. The biology and identification of organisms commonly encountered in natural areas throughout Iowa and the Midwest. A comprehensive approach will include trees, shrubs, wildflowers, grasses, insects, fish, birds, mammals and their skulls, reptiles, amphibians and fossils. Field trips.

1.000 Credit hours

1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department



### BIO 111 - EVOLVED FOODWAYS

Exploration of interactions of environment, culture, and plant biology as they relate to human food plants. Discussions focus on impact of diverse global environments on evolutionary adaptations in native plant species and exploitation of these adaptations by native human cultures to produce fascinating foodways important for human health and culture. Features student-led discussions and cooking regional cuisine.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:

Global and Cultural Understand, Life Science

### BIO 112L - AVIAN WINTER ECOLOGY

In this J-term course, you will gain extensive experience working with birds in a field setting. You will learn and practice a fundamental tool used by ornithologist and wildlife biologist for studying birds: mist-netting and banding of individuals. In addition, you will learn identification of Iowa's winter bird species, working with museum study skins as well as captured live individuals, and you will design and conduct behavioral experiments on birds, exploring their winter physiology and ecological roles. Class time will be outdoors as much as possible. You will become expert at handling and releasing live birds, and the skills developed in this course will well prepare you for advanced field studies and graduate work in Ornithology. This is an on-campus course, and we will be working at natural areas nearby Drake. Prerequisites: BIO 001, 012, 013, or 018 or see instructor for approval.

3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Biology Department

### BIO 113 - VERTEBRATE BIOLOGY

An introduction to vertebrate biology including fish, amphibians, reptiles, birds, and mammals. Lecture material will emphasize evolutionary history, including major morphological transitions, and taxonomy, behavior, and ecology among the major extant vertebrate groups. Pre-reqs: BIO 001, 012, 013, or 018. Co-requisite lab BIO 113L.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

## Biology Department

Course Attributes:  
Biology lab courses

### BIO 113L - VERTEBRATE BIOLOGY LAB

Co-requisite lab for BIO 113. Laboratory exercises will focus on taxonomy and field identification of Iowa's fish, amphibians, reptiles, birds, and mammals. Lab will utilize heavily both natural history museum collections and field capture techniques for studying vertebrates. Pre-reqs: BIO 001, 012, 013, or 018.

1.000 Credit hours  
1.000 Lab hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

### BIO 114 - EVOLUTION

Mechanisms of evolution and evidence of evolutionary change, considered from an analytical perspective. Development of scientific reading and writing skills. Lab exercises will demonstrate principles from lecture through computer simulations and data collection and analysis. Prereq: BIO 001, 012, or 013. Co-requisite lab BIO 114L.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Biology lab courses

### BIO 114L - EVOLUTION LAB

Co-requisite lab for BIO 114.

1.000 Credit hours  
1.000 Lab hours

Levels: Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

### BIO 115 - AQUATIC BIOLOGY

Species diversity and population dynamics of plant and animal communities in fresh water environments. Prereq: BIO 001, 012, 013, or 018. (BIO 115L: Aquatic Biology Lab must be taken concurrently.)

2.000 Credit hours  
2.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

### BIO 115L - AQUATIC BIOLOGY LAB

Co-requisite lab for BIO 115.

1.000 Credit hours  
1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

### BIO 116 - BIOINFORMATICS

An introduction to the principles, practice, and application of bioinformatics. The focus of the course will be the analysis of biological systems through the use of computational methods. Topics include: sequence alignment, algorithm analysis, genome assembly, and databases. Cross-listed with CS 116.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### BIO 117 - ECOLOGY

An introduction to the study of the relationships between organisms and their environment, or more specifically, the distribution and abundance of organisms, particularly plant, animal, and fungi species. Emphasis on the physical environment, organisms, populations, communities, and ecosystems and biomes. Lecture, optional field trips. Prereq.: BIO 001, 012, 013, or 018. (BIO 118L - Ecology laboratory may be taken concurrently.)

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 118L - ECOLOGY LAB

Techniques of ecological study in the field and laboratory. Emphasis on the collection, analysis, and interpretation of ecological data. Field trips, research paper. Offered fall semester. Prereq: BIO 117 or concurrent enrollment.

2.000 Credit hours  
2.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

### BIO 119 - HERPETOLOGY

A survey of reptiles, with special attention toward taxonomy, ecology and behavior of reptiles and amphibians of Iowa. Prereq.: BIO 001, 012, 013, or 018.

2.000 Credit hours  
2.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

### BIO 119L - HERPETOLOGY LAB

Co-requisite lab for BIO 119. Identification, ecology and research of Midwestern amphibians and reptiles through the study of museum specimens, live animals, and field trips.

1.000 Credit hours  
1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

### BIO 120 - ECOSYSTEM ECOLOGY

Ecological processes and dynamics associated with grasslands, forests, and wetlands. Detailed examination of soil, climate, fire, microclimate, disturbance regimes and species interactions. Emphasis relevant to management and ecological restoration. Lecture, lab, field trips, presentation. Prereq: BIO 117. Co-requisite lab BIO 120L.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

#### BIO 120L - ECOSYSTEM ECOLOGY LAB

Co-requisite lab for BIO 120.

1.000 Credit hours  
1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

#### BIO 121 - PARASITOLOGY

Organisms of medical importance; life cycles; host-parasite relationships. Prereq.: BIO 001, 012, 013, 018, or equivalent. Co-requisite lab BIO 121L.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

#### BIO 121L - PARASITOLOGY LAB

Co-requisite lab for BIO 121.

1.000 Credit hours  
1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

#### BIO 122 - MAMMALOLOGY

A survey of mammals with special attention directed toward taxonomy, ecology and behavior of mammals of Iowa. Prereq.: BIO 001, 012, 013 or 018 or equivalent. Co-requisite lab BIO 122L.

2.000 Credit hours  
2.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Biology Department

Course Attributes:  
Biology lab courses

### BIO 122L - MAMMOLOGY LAB

Co-requisite lab for BIO 122. Identification, ecology, and research of Midwestern mammals through the study of museum specimens, live animals and field trips.

1.000 Credit hours  
1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab

Biology Department

### BIO 123L - INVERTEBRATE ZOOLOGY

Co-requisite lab for BIO 123.

1.000 Credit hours  
1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

### BIO 126 - DEVELOPMENTAL BIOLOGY

The development of organisms with special reference to vertebrates and humans; formation of germ cells, fertilization, differentiation, development of organs and systems with emphasis on molecular concepts. Prereq.: BIO 105 or BIO 165, or equivalent or consent of instructor.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

### BIO 127 - HISTOLOGY

Study of microscopic structure of cells, tissues and organs with some reference to pathology. Prereq.: BIO 001, 012, 013, 018, or equivalent. Co-requisite lab BIO 127L.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

### BIO 127L - HISTOLOGY LAB

Co-requisite lab for BIO 127.

1.000 Credit hours  
1.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

### BIO 128L - ZOO BIOLOGY

This course will provide an overview of the field of zoo biology, with emphases on the role of zoos in conservation, species survival plans, captive management of small populations of exotic animals (especially including endangered species), and the use of behavioral research and environmental enrichment methods in captive animal welfare. The course typically will meet at Blank Park Zoo and will have a significant component of experiential learning.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

### BIO 129 - MAMMALIAN PHYSIOLOGY

A laboratory-based course in mammalian physiology. Emphasis on the integration of physiological systems including mechanisms of fundamental principles progressing from molecular events to cellular, organ, and system levels. Laboratory exercises feature inquiry-based learning. Organic chemistry recommended. Prereq.: Two intro courses of BIO 001, 012, 013, 018, or equivalent. Corequisite lab BIO 129L.

4.000 Credit hours  
4.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

#### BIO 129L - MAMMALIAN PHYSIOLOGY LAB

Co-requisite lab for BIO 129. A systems-level approach to investigation and experimentation using computer simulations, student volunteers, and animal subjects.

1.000 Credit hours  
1.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

#### BIO 130 - ORNITHOLOGY

This course will provide an in-depth exploration of avian biology, with a particular focus on bird behavior, ecology, and evolution. Pre-reqs: BIO 001, 012, 013, or 018. Co-requisite lab BIO 130L.

2.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

#### BIO 130L - ORNITHOLOGY LAB

Co-requisite lab for BIO 130. Laboratory exercises will focus on anatomy, taxonomy, and field identification (visual and vocal) of avian species. Pre-reqs: BIO 001, 012, 013, or 018.

1.000 Credit hours  
1.000 Lab hours



Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

### BIO 131 - BIOCHEMISTRY

A study of the nature of the chemical constituents of living matter, the functions and transformation of these chemical entities in biological systems, and the chemical changes associated with these transformations in the course of the activity of living matter. Prereq.: CHEM 108, CHEM 110. Co-requisite lab BIO 131L. Cross-listed with CHEM 130.

3.000 Credit hours

Levels: Non-Drake, Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Chemistry Department

Course Attributes:  
Biology lab courses

### BIO 131L - BIOCHEMISTRY LAB

Co-requisite lab for BIO 131. Introduction to biochemical laboratory techniques. Provides practical experiences with techniques for separation and characterization of biomolecules and methods of examining biochemical reactions including kinetics. Prereq: CHEM 130/BIO 131 or concurrent with CHEM 130/BIO 131 or consent of instructor. Cross-listed with CHEM 131.

1.000 Credit hours

1.000 Lecture hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Chemistry Department

### BIO 132 - MEDICAL BIOPHYSICS

This course offers a comprehensive introduction to fundamental concepts and methods in medical biophysics, an interdisciplinary field at the interface of physics, biology and medicine. The course will explore the physical and physiological principles underlying the behavior of biological systems, in particular the human body. Concepts from various branches of physics will be introduced in the context of living organisms. Additionally, modern methods from medical physics, including laser surgery, ultrasound imaging, computed tomography, radiation therapy and magnetic resonance imaging, will be investigated. The emphasis will be on the applications of physics in biology and medicine.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 133 - KINESIOLOGY

Kinesiology is the study of human movement, specifically examining the roles of bones, joints, muscles, ligaments, and tendons. This course includes an examination of functional anatomy, current research methods, analytical and diagnostic methods, and practical applications of knowledge to basic movements such as walking/running and throwing and sport-specific movements. Pre-reqs: Two introductory Biology courses and junior standing. Co-requisite lab BIO 133L. .

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:

Biology lab courses

### BIO 133L - KINESIOLOGY LAB

Co-requisite lab for BIO 133. Kinesiology lab accompanies lecture and focuses on methods for collecting and analyzing data related to human anatomy or motion in exercise and sport contexts. Students will practice current kinesiology techniques in an original research-based setting similar to that encountered by career kinesiology researchers. Pre-req: Two introductory Biology courses and junior standing. Lecture and lab must be taken concurrently.

1.000 Credit hours

1.000 Lab hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Biology Department

Course Attributes:

Biology lab courses

### BIO 134 - EXERCISE PHYSIOLOGY

Biological aspects of physical activity in the context of exercise, recreation, and sport using multidisciplinary instructional approaches. Content includes neuromuscular, metabolic, cardiorespiratory, and other physiological changes to training or environmental conditions. Co-requisite lab BIO 134L.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

#### BIO 134L - EXERCISE PHYSIOLOGY LAB

Co-requisite lab for BIO 134. Basic skills in exercise testing and analysis within the context of original research frameworks, emphasizing human subject research and repeated practice of techniques. Specific experiments change each semester to reflect current topics in the field.

1.000 Credit hours  
1.000 Lab hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

#### BIO 135L - FOOT & ANKLE RESEARCH LAB

Intended for students interested in the medical sciences. The purpose of the lab is to learn and practice skills relevant to clinical aspects of foot and ankle research within the context of sports medicine and podiatry. Emphasized skills include: working with human subjects; developing experimental designs that help address questions specific to the sports medicine community; collecting data from those designs and analyzing the resultant data; clinical measurements such as range-of-motion (goniometry), muscle activation, movement analysis, performance analysis, and evaluation of subjective measures; and critical evaluation of media and marketing related to sports medicine. Projects and techniques will change each time the course is offered.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Division Undeclared Division  
Biology Department

#### BIO 136 - MOTOR CONTROL & LEARNING

How the brain/nerves and muscles work together to plan, perform, and learn daily and athletic activities. Topics include: behavioral/psychological and physiological models of movement preparation, behavior, execution, and learning; movement perception and sensation; and skill presentation, practice, and correction.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

#### BIO 136L - MOTOR CONTROL & LEARNING LAB

This laboratory course will reinforce the fundamental principles of motor learning and control that are introduced in BIO 136. This laboratory course provides a hands-on opportunity to apply the principles of evaluating motor skills, perception, motor learning, and memory. Students also will have the opportunity to design and implement their own hypothesis-based research project utilizing the concepts and methods they have learned during this laboratory class. BIO 136 (lecture) is a co-requisite for this class.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

### BIO 137 - MEDICAL & SPORTS BIOMECHANICS

This course is a synthesis of biology and mechanics that seeks to explain human movement in terms of space, time, direction, and forces. The course involves application of mechanics for the expressed purpose of analyzing/improving performance and locating the mechanical causes of faults observed in performance. A key purpose of this course is to provide future clinicians and researchers in kinesiology with an extensive knowledge base of the principles, theories, and concepts concerning human movement. BIO 137L is a co-requisite for this course and must be taken simultaneously with the BIO 137 lecture.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 137L - MED & SPORT BIOMECHANICS LAB

This course is a synthesis of biology and mechanics that seeks to explain human movement in terms of space, time, direction, and forces. The course involves application of mechanics for the expressed purpose of analyzing/improving performance and locating the mechanical causes of faults observed in performance. The laboratory portion of the course synthesizes and applies through various modalities the content presented in the lecture. This laboratory course will prepare the student to both utilize and analyze "video," force, and qualitative movement analysis in their future kinesiology career. In addition, the student also will enhance their analytical skills through biomechanical research evaluation and review. BIO 137 is a corequisite.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

### BIO 138 - MEDICAL ASPECTS OF EXERCISE

How chronic conditions (cancer, obesity, arthritis, asthma, and so forth) impact exercise capacity, how exercise impacts on those same chronic conditions ("exercise is medicine"), and the role of contributing factors such as nutrition and environment.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 139 - KINESIOLOGY CAPSTONE

The objectives of this capstone course are to 1) integrate the knowledge, skills, and experience you have gained from across your kinesiology courses and apply them to a special population; 2) reflect on the role(s) played by kinesiology professionals in promoting and implementing strategies to improve the health of people through physical activity and exercise; and 3) represent the Drake University Kinesiology Program in a service-learning opportunity within the Des Moines community. These objectives will be met by assessing the physical activity and exercise needs of a local organization, designing a program to meet those needs, critically evaluating the effectiveness of the program, and using evidence of effectiveness to revise and improve the programming.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 140 - BIO RESEARCH & STAT METHODS

Introduction to research methods used in the biological sciences including hypothesis formation, research design, ethics in research, scientific integrity, data collection, probability, and confidence intervals, statistical analyses, inference and interpretation, and preparation of research papers. Lectures and project required. Prereq: BIO 11 and 12 or consent of instructor.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:  
Critical Thinking, Quantitative

### BIO 145 - SELECTED TOPICS IN BIOLOGY

Serves as a forum for class-structured studies of selected topics in biology or the trial presentation of new biology courses. Offered only as needed. Could require BIO 145L. Prerequisites will vary.

1.000 TO 3.000 Credit hours  
1.000 TO 3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

**BIO 145L - SELECTED TOPICS IN BIOLOGY LAB**

Lab component for Selected Topics in Biology, BIO 145. Offered only as needed.

1.000 TO 3.000 Credit hours

1.000 TO 3.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

Course Attributes:

Biology lab courses

**BIO 152 - FIELD BOTANY**

General principles of plant taxonomy and plant ecology. Emphasis on classification and nomenclature, botanical terminology, recognition of plant families, use of plant keys, Iowa plant species identification and ecology and plant collecting and voucher preparation. Lecture, lab, field trips. One weekend field trip required. Offered spring semester of alternating years. Prereq: BIO 001, 012, 013, or 018, or consent of instructor. Co-requisite lab BIO 152L.

0.000 TO 3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:

Biology lab courses

**BIO 152L - FIELD BOTANY LAB**

Co-requisite lab for BIO 152.

1.000 Credit hours

1.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

### BIO 159 - ZOO/GREAT APE INTERNSHIP

Supervised practical experience in husbandry, management, and research in a captive animal setting. Involves progressively greater responsibility and probable involvement in research, depending on the performance of individual student. Specific work assignments will vary based on the needs of the host institution and the individual professional goals of the student.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Biology Department

### BIO 165 - CELL BIOLOGY

A comprehensive introduction to molecular cell biology with an emphasis on applications to biology and medicine. Basic structure and chemistry of cells, protein-targeting, cellular signaling, the cytoskeleton, and the cell cycle. Prereq: BIO 001, 012, 013, or 018, or equivalent.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

0.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lab, Lecture, Web Instructed

Biology Department

### BIO 167 - POPULATION & COMMUNITY ECOLOGY

Principles of population growth, cycles, genetics and regulation. Examination of emerging theories regarding the interaction and assembly of plant and animal populations into ecological communities. Field studies and computer modeling are used to examine behavioral ecology, spatial dispersion, demography, life histories, competition and predation. Application of theory and principles to complex environmental problems such as pest management, viability analysis, and the spread of infectious diseases. Lecture, lab, field trips, research project and paper. Offered spring semester of even-numbered years. Prereq: BIO 118L; STAT 060 or BIO 099. Co-requisite lab BIO 167L.

3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

### BIO 167L - POPULATION ECOLOGY LAB

Co-requisite lab for BIO 167.

1.000 Credit hours

1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Biology Department

### BIO 168 - LIMNOLOGY

Study of inland waters: the biological, physical, chemical and geological characteristics of lakes, streams, and reservoirs. Lecture, laboratory, and field trips. Prereq: BIO 001, 012, 013, or 018, and CHEM 001. Co-requisite lab BIO 168L.

3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:

Biology lab courses

### BIO 168L - LIMNOLOGY LAB

Co-requisite lab for BIO 168.

1.000 Credit hours

1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Biology Department

### BIO 176 - NEUROPHYSIOLOGY

The physiology of excitable cells with emphasis on cellular mechanisms, synaptic integration, signal processing, and sensory/motor interactions in nervous systems. Computer simulations and hands-on experience with stimulating and recording in live systems. With laboratory. Prereq.: Two intro courses of BIO 001, 012, 013, or 018 or equivalent or consent of instructor. Co-requisite lab BIO 176L.

3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate



Schedule Types: Lecture, Web Instructed

Biology Department

Course Attributes:

Biology lab courses

**BIO 176L - NEUROPHYSIOLOGY LAB**

Co-requisite lab for BIO 176.

1.000 Credit hours

1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Biology Department

**BIO 182 - IMMUNOLOGY**

Principles and concepts of immunology; characteristics of antigens and antibodies; antibody reactions; hypersensitivity; discussions of immune response with applications to biology and humans. Prereq: BIO 165.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Biology Department

**BIO 182L - IMMUNOLOGY LAB**

Optional lab for BIO 182.

2.000 Credit hours

2.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Biology Department

Course Attributes:

Biology lab courses

**BIO 185 - HUMAN GENETICS**

Principles and concepts of inheritance in humans with special reference to medical genetics. Prereq.: BIO 105. College algebra and organic chemistry recommended.

2.000 Credit hours  
2.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 186 - MOLECULAR BIOLOGY

Introduction to principles, practice, and applications of modern molecular biology. Chemistry of informational macromolecules, mechanism regulation and integration of informational processes in the cell; application to basic biology and medicine. Implications for society. Prereq.: BIO 165 or consent of instructor. Crosslisted with CHEM 134.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 187L - MOLECULAR CELL BIOLOGY LAB

Introduction to the methods and practice of molecular cell biology, with an emphasis on the development of critical thinking and problem-solving skills. Students carry out an independent research project in molecular cell biology, culminating in a formal paper and presentation. Prereq: BIO 165 or consent of instructor.

0.000 TO 3.000 Credit hours  
0.000 TO 3.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

### BIO 188 - STRUCTURAL BIOLOGY

Introduction to the principles, methods and applications of structural biology -- a discipline that seeks to relate molecular form to biological function. An analysis of molecular structure and biological function in relationship to the molecular biology of the cell, and an exploration of the applications of this understanding. Practical experience in the use of sequence analysis and molecular graphics computer programs as applied to structural problems in cellular and molecular biology. Prereq.: BIO 165 or CHEM 130/BIO 131 or consent of instructor. Cross-listed with CHEM 136.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 188L - STRUCTURAL BIOLOGY LAB

Co-requisite lab for BIO 188.

2.000 Credit hours

2.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

### BIO 189 - REGULATORY BIOLOGY

Principles of cellular regulation as illustrated by the molecular biology of the cell cycle and programmed cell death. Prereq: BIO 165, 186, or CHEM 132 or consent of instructor.

2.000 Credit hours

2.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Biology Department

### BIO 193L - SENIOR LAB ASSISTANT

2.000 Credit hours

2.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

Course Attributes:

Biology lab courses

### BIO 195L - ADVANCED MOLECULAR LIFE LAB

A biochemistry, cellular/molecular biology capstone, interdisciplinary course that involves students in laboratory research problems. A structure course to mimic the processes used by practicing scientists as they conduct reserach. Students develop effective experimental and effective communication skills. Prereq.: CHEM 130/BIO 131 or BIO 165. Does not count as senior capstone experience for biology majors. Cross-listed with CHEM 137.

3.000 Credit hours

3.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Biology Department

### BIO 196 - BIOLOGY INTERNSHIP

An off-campus, one semester, experiential learning outcome that incorporates a biological theme. May include work in local or state governments, biotechnology firms, medical or health businesses, conservation agencies, or private businesses. Registration with the College of Arts and Sciences Internship Registration form is required, and an internship supervisor must be identified. Students will compile a list of responsibilities and learning objectives, and provide a written report upon completion. Prerequisites: BIO 012/012L or BIO 013/013L, consent of the Biology Chair.

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Web Instructed

Biology Department

### BIO 197 - UNDERGRAD THESIS RESEARCH

Supervised undergraduate research in biology required in the BS program. Prereq: Sophomore standing and consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Biology Department

Course Attributes:  
Biology lab courses

### BIO 197L - UNDERGRAD RESEARCH

Supervised undergraduate research in biology. Prereq.: Sophomore standing and consent of the instructor.

1.000 TO 3.000 Credit hours

1.000 TO 3.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

All Sections for this Course

Biology Department

### BIO 198 - INDEPENDENT STUDY IN BIOLOGY

A forum for a student-initiated and directed study of a biological topic of interest. Must be mentored by a Biology faculty member. Requires completion of an independent study form and approval by the chair.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Independent Study, Lecture, Off-campus catalog credit, Web Instructed

Biology Department

### BIO 199 - SENIOR CAPSTONE EXPERIENCE

Topics will vary in different semesters and will focus on the unifying theme of evolution. Students will complete an instructor-approved project requiring analysis and synthesis of a problem involving biological principles pertaining to the course topic. This project will culminate with a written document and an oral presentation of the chosen project. This course is required for completion of the biology major. Prereq.: Enrollment restricted to biology majors with senior standing. Offered fall semester only.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Biology Department

### BLAW 0-- - BLAW LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Business Law Department

### BLAW 060 - BUSINESS LAW I

This course discusses the basic precepts of our legal system. These precepts are then applied in the examination of the legal principles that affect business in the areas of contracts, torts and product liability. The course also addresses relevant ethical issues. Prereq.: Sophomore standing.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Critical Thinking, LPS Law Course, Values and Ethics

### BLAW 1-- - BLAW UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Business Law Department

### BLAW 120 - BUSINESS LAW II

This course covers Articles II, III and IX of the Uniform Commercial Code to includes sales, commercial paper, secured transactions, bailments and documents of title. Debtor/creditor relationships, including suretyship and bankruptcy law. Estates and trusts are studied also. Prereq.: BLAW 060 or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Business Law Department

### BLAW 180 - LEGAL ISSUES/BUS ORGANIZATIONS

A study of agency law, administrative agency law and securities law, and the legal issues in the formation and operation of sole proprietorships, partnerships, corporations, and limited liability companies. Prereq.: BLAW 060

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
LPS Law Course

### BLAW 190 - LEGAL TOPICS/CURRENT INTEREST

A course addressing selected topics to allow a student to build her/his area of interest and expertise. Such topics may include: Internet law; Patents, Copyrights and Other Intellectual Property Issues; Constitutional Law; Not-for- Profit Organizations; Employment Law; Sports Law, Alternative Dispute Resolution; or International Law. Topics may be packaged in different combinations to provide students with broad selections. Prereq.: BLAW 060 and sophomore standing.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Business Law Department

**BLAW 198 - TOPICS IN BUSINESS LAW**

Timely or innovative course in business law. Not scheduled regularly.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Business Law Department

**BLAW 199 - INDEPENDENT STUDY**

Individual advanced study and research under faculty supervision.

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Business Law Department

**BLAW 230 - INDEPENDENT STUDY**

Advanced individual study or research under the supervision of the faculty.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Business Law Department

**BLAW 240 - COMMERCIAL LAW**

This course provides a foundation in contract law and torts, as well as coverage of Articles II, III and IX of the Uniform Commercial Code (Sales, Negotiable Instruments, and Secured Transactions). The course will examine the basic principles of contract law as applied in the business environment as well as examining the commercial issues of bankruptcy, debtor/creditor relationships, secured transactions and suretyship. Prereq.: Graduate standing or consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

**BLAW 245 - LAW IN THE WORKPLACE**

This course provides a foundation in employment law based on federal laws (National Labor Relations Act, Occupational Safety and Health Act, etc.) as well as state laws and regulations. The course addresses some of the basic labor law issues dealing with unions as well as issues related to general hiring/firing practices. The course will focus on particular issues such as collective bargaining, wage and hour regulation, discriminatory practices along with possible solutions to resolve disputes including mediation and arbitration. Prereq.: Graduate standing or consent of the Assistant Dean, Graduate Programs

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### BLAW 250 - THE LAW OF BUSINESS ORGS

A study of agency law, securities law, and the legal issues involved in the formation of partnerships, corporations, and limited liability companies. Additional discussion of legal liabilities pertinent to accountants. Prereq: Permission of the Assistant Dean of Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### BLAW 298 - CURRENT TOPICS IN BUS LAW

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Business Law Department

#### BLAW V-- - Business Law w/ validation

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

#### BUS 0-- - BUS LOWER DIVISION

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department



**BUS 001FA - THE BUSINESS PROFESSION I FA**

This course is aimed at providing a comprehensive overview of the business profession and to numerous job opportunities within the industry. Utilizing the expertise of professors, business leaders, and upperclassmen, the course will present each academic major option that is available within the CBPA; the academic requirements for graduation within each major; an overview of academic integrity; internship, job fair, and job shadow opportunities; and a focused process toward improved writing skills. Prereq.: Business student, entering first year student.

0.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

**BUS 001SP - THE BUSINESS PROFESSION I SP**

Continuation of BUS 001FA. Prereq.: BUS 001FA, Business student

0.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

**BUS 002FA - THE BUSINESS PROFESSION II FA**

Continuation of BUS 001SP. Prereq.: BUS 001SP, Business student

0.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

**BUS 002SP - THE BUSINESS PROFESSION II SP**

Continuation of BUS 002FA. Prereq.: BUS 002FA, Business student

0.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

**BUS 003FA - THE BUSINESS PROFSSION III FA**

Continuation of BUS 002SP. Prereq.: BUS 002SP, Business student

0.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

BUS 003SP - THE BUSINESS PROFESSION III SP

Continuation of BUS 003FA. Prereq.: BUS 003FA, Business student

0.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

BUS 004FA - THE BUSINESS PROFESSION IV FA

Continuation of BUS 003SP. Prereq.: BUS 003SP, Business student

0.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

BUS 004SP - THE BUSINESS PROFESSION IV SP

Continuation of BUS 004FA. Prereq.: BUS 004FA, Business student

0.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

BUS 005FA - THE BUSINESS PROFESSION V FA

Continuation of BUS 004SP. Prereq: BUS 004SP, Business student

0.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

BUS 005SP - THE BUSINESS PROFESSION V SP

Continuation of BUS 005FA. Prereq.: BUS 005FA, Business student

0.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

#### BUS 067 - SUSTAINABLE DEVLPMNT IN AFRICA

This course is a study abroad course designed to facilitate Drake's goal of educating its students as global citizens who are prepared to operate in a global economy. It will take students from Drake to an area of the world - sub-Saharan Africa - that is in many ways distinctly different culturally, politically, ethnically, and economically from the U.S. Also, it will take students to a country in sub-Saharan Africa where they can focus their attention on issues that face these distinctly different countries as they become increasingly integrated into a global world. To accomplish these steps, the content of the course will focus on circumstances people in these countries face as they try to achieve sustainable development while operating in a neo-liberal international business climate. Special attention will be directed towards analyzing infrastructure development, entrepreneurship, microfinance constraints, constitutional development, the colonial legacy and the transition to political democracy/pluralism, and the impact of HIV/AIDS on very poor countries. As students study these issues, they will also learn of cultural and world view differences that exist in sub-Saharan Africa.

6.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

Engaged Citizen, Global and Cultural Understand

#### BUS 070 - GLOBALIZATION

This course is designed as an introduction to the processes, institutions and problems associated with doing business in international environments. The perspective adopted here is that of an international business manager looking beyond the boundaries of the firm. The course material will be naturally divided into two sections. The first focus will be on the political, social, cultural and economic consequences of globalization and the differences between national markets. The second focus will be on cross-border trade and the global monetary system. Prereq.: ECON 002 and Sophomore standing.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

Global and Cultural Understand

#### BUS 073 - BUS AND PROFSSNL COMMUNICATION

This course focuses on the development of the foundational oral communication skills needed to be successful in today's dynamic business environment. Foundational skills to be learned include interpersonal

communication, presentations, collaboration, teamwork, and leadership. An emphasis on continual learning, practice and improvement will be facilitated through faculty feedback and coaching. Upon completion of this course students will understand the importance of all forms of oral communication and organizational interaction. Students will demonstrate how to develop and deliver a variety of oral business presentations. Students will also demonstrate how to successfully collaborate with others as well as the essential role of team leadership. Prereq.: Business student.

0.000 TO 3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

All Sections for this Course

#### BUS 074 - PROFESSIONAL WRITTEN COMMUNICA

This course focuses on the development of the foundational written communication skills needed to be successful in today's dynamic business environment. Foundational skills to be learned include creating written communication forms that incorporate audience analysis, basic business genres, usable document design, appropriate grammar, diction, syntax, correct punctuation, usage, and ethical data visualization. An emphasis on continual learning, practice, and improvement will be facilitated through faculty feedback and coaching. Upon completion of this course, students will understand the importance of professionalism, audience, message, context, and tone in basic business written communication forms. Students will demonstrate their learning via business written communication genres such as emails, formal letters, reports, executive summaries, and writing for the web. Students will also demonstrate how to successfully write with others in collaborative writing projects. Prereq.: Business student, entering first-year student.

0.000 TO 3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

#### BUS 090 - INTRO TO BUSINESS ETHICS

This course examines the moral obligations that business organizations have to a variety of stakeholders in the United States and in the world community. The course content will cover some of the ethical issues in business practice, including leadership and accountability, employee relations, financial reporting, community relations, customer service, social investments, and international business operations. The course will also develop and apply different ethical decision making frameworks that can be used to address ethical issues in business operations. Prereq.: sophomore standing.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Course Attributes:

Values and Ethics

#### BUS 098 - PROFESSIONAL COMM 21ST CENTURY

Focus on communication skills that are critical for optimizing success in the 21st century workplace. Prereq: None.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Written Communication

BUS 1-- - BUS UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Management Department

BUS 120 - COMM. LEAD. FOR VIRTUAL TEAMS

This course focuses on communication skills that are critical for optimizing success in the 21st-century workplace. The course examines key terminology and principles of written, oral, visual, and digital communication skills via a variety of technologies. The major objective of the course is to aid students in developing practical communication skills for work on globally distributed (i.e., virtual) team projects. Students learn about emerging technologies and their effect on communication, how to manage information within a virtual team, and how to engage in team-based distance collaboration. Students are placed on globally distributed (i.e., virtual) teams in conjunction with the Virtual Business Professional project. Prereq.: junior standing, BUS 073 and BUS 074.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

BUS 122 - PRACTICUM IN LEADERSHIP COMM.

This course focuses on the practice of leadership and professional communication skills using simulated workplace communication scenarios. This course examines key terminology and principles of verbal, non-verbal, written, and visual communication skills. The major objective of the course is to aid students in developing practical and strategic skills for communicating to superiors, coworkers, and external stakeholders. Students problem-solve and apply message strategies to achieve empathetic and ethical communication that responds to a variety of circumstances. Examples of leadership communication that students will practice with include: communicating vision, delivering effective employee feedback, getting buy-in for a new organizational initiative, running effective team meetings, representing the team to internal and external constituents, and others.

Prereq.: BUS 073 and BUS 074.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Management Department

### BUS 150 - SMALL BUSINESS MANAGEMENT

Overview of the role of small business in the American economic system. Emphasis is placed on the managerial decisions required to start and maintain a small business. Prereq.: FIN 101, MGMT 110 and MKTG 101, or consent of instructor.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

## Management Department

### BUS 167 - UGANDA INTL SERVICE LEARNING

This course fosters integrative service-learning through active involvement with projects being undertaken by partner organizations in Uganda. Students are expected to combine knowledge, skills, and abilities in their chosen discipline with increased intercultural competency in the development of strategies to address complex problems facing program partners in Uganda. Strategy development focuses on sustainable outcomes developed in partnership with Ugandan organizations which address a locally identified community need. Prereq.: None; however, enrollment is by professor permission only. Course may be repeated up to three times for additional credit.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

## Management Department

Course Attributes:

Community Engaged Learning

### BUS 191 - INTERNSHIP IN BUSINESS

Experiential learning credit for substantive workplace experiences. Prereq.: Sophomore standing; major in the College of Business and Public Administration; minimum cumulative GPA of 2.75 and permission of the Internship Coordinator. Coreq.: Enrollment in not more than 18 semester hours credit (including the internship) in any fall or spring semester in which internship credit is earned and 12 hours (including the internship) in the summer sessions. May be repeated, however, no more than 6 credit hours of internship work will count towards meeting graduation requirements.

1.000 TO 3.000 Credit hours

Levels: Undergraduate

Schedule Types: Independent Study, Web Instructed

Management Department

**BUS 195 - BUSINESS STRATEGY AND POLICY**

Intensive study of administrative management and business systems. Application of administrative practices of current and prospective utility in the development and execution of strategy and policy for modern enterprises in the global economy. Prereq.: Senior standing and MGMT 110, MGMT 120, MKTG 101, and FIN 101.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed  
All Sections for this Course

Management Department

**BUS 198 - SPECIAL TOPICS IN BUSINESS**

Timely or innovative course in business. Not scheduled regularly.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Management Department

**BUS 199 - INDEPENDENT STUDY**

Individual advanced study and research under faculty supervision.

1.000 TO 6.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Management Department

**BUS 200 - PROF DEVELOPMENT SEMINAR**

Professional Development Seminars are designed to provide students with increased exposure to specialized topics and current issues and/or develop workplace skills. The course can be repeated multiple times as long as the topic of the seminar is not repeated.

1.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

**BUS 205 - LEADERSHIP ESSENTIALS**

0.000 Credit hours

Levels: Graduate

Schedule Types: Lab, Lecture, Web Instructed

#### **BUS 212 - SEMINAR IN EXEC LEADERSHIP**

Synthesizes and integrates the administrative knowledge, skills, values and behaviors acquired from previous coursework and experience. Readings, case studies and discussions are used to develop management capabilities. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Management Department

#### **BUS 230 - INDEPENDENT STUDY**

Advanced individual study or research under the supervision of the faculty.

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Management Department

#### **BUS 283 - NEGOTIATION & CONFLICT RESOLUT**

This course provides an introduction to negotiation concepts and practices, and a historical perspective on conflict resolution in families, workplaces, communities and nations. Includes theories and concepts of human behavior in conflict situations, how and why conflict occurs, and how to deal with conflict effectively. This course will engage students in negotiation and conflict resolution exercises, and provide interaction with practitioners. It will enable students to develop negotiaton skills and an appreciation for conflict as an effective teaching/learning opportunity. It will develop an awareness in the student that times of conflict are often occasions for instigating change in relationships that may be effective and long lasting. Prereq.: Consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Management Department

#### **BUS 298 - CURRENT ISSUES IN BUSINESS**



Special topics seminar. Topics vary. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Management Department

BUS V-- - Business with validation

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

CHEM 0-- - CHEM LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

Chemistry Department

CHEM 0--L - CHEM LAB LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lab

Chemistry Department

CHEM 001 - GEN CHEMISTRY I

Introduction to the important general principles of chemistry. Students look at the twin concepts of structure and bonding in the three main physical states of matter and discover how both structure and bonding determine chemical reactivity. Students learn about the basic organizing principle of chemistry - the Periodic Table - and show both its origins and uses in predicting the properties of matter. The fundamental quantitative concept in chemistry, stoichiometry, is introduced early and emphasized throughout the course. Prereq.: two years of high school mathematics, including algebra, or consent of the instructor. Coreq.: CHEM 003.

0.000 OR 3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Discussion/Recitation, CR by exam (AP,IB,etc.), Lecture, Web Instructed

All Sections for this Course

Chemistry Department

Course Attributes:

Physical Science

#### CHEM 002 - GEN CHEMISTRY II

Continuation of the exploration of the principles of chemistry introduced in CHEM 1. Topics include thermochemistry; rates of chemical reactions; chemical equilibria with an emphasis on solution equilibria; the structures and properties of solutions including intermolecular forces and colligative properties; the oxidation-reduction and coordination chemistry of metals and their compounds; electro chemistry. Prereq.: CHEM 001 and CHEM 003. Coreq.: CHEM 004.

0.000 OR 3.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Chemistry Department

#### CHEM 003 - GENERAL CHEM LAB I

The laboratory experiments complement and reinforce concepts introduced in General Chemistry I (CHEM 1). Coreq.: CHEM 1.

1.000 Credit hours

1.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Chemistry Department

Course Attributes:

Physical Science

#### CHEM 004 - GENERAL CHEM LAB II

The laboratory experiments complement and reinforce concepts introduced in General Chemistry II (CHEM 2). Prereq.: CHEM 1 and CHEM 3. Coreq.: CHEM 2.

1.000 Credit hours

Levels: Non-Drake, Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Chemistry Department

#### CHEM 005 - INTRO MOLECULAR SCIENCES

This is a one-hour course for students interested in studying molecular sciences to inaugurate them into the community of scientists at Drake. It will include readings about the role of science in society, development of demonstrations that correspond with general chemistry, seminar presentations, and introduction to research projects at Drake.

1.000 Credit hours  
1.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Chemistry Department

#### CHEM 006 - CHEM FOR INFORMED CITIZEN

A survey of some principles of chemistry, stressing concepts and qualitative understanding rather than problem solving or technical skills. Application of a core of concepts to chemical aspects of current social political or economic situations.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Chemistry Department

Course Attributes:  
Life Science, Physical Science

#### CHEM 007 - INFORMED CITIZEN LAB

An optional laboratory experience to accompany CHEM 6. Experiments illustrate how fundamental and practical chemical information is obtained. Properties of substances are observed and experiments are performed to foster appreciation of the impact of chemistry in a technological society. Prereq.: Concurrent enrollment of previous credit in CHEM 6.

1.000 Credit hours  
1.000 Lab hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Chemistry Department

Course Attributes:  
Life Science, Physical Science

#### CHEM 008 - INTRO INSTRUM & RES METHODS I

This is a one-hour course for students interested in studying molecular sciences to inaugurate them into the community of scientists at Drake. It will include readings about the role of science in society, development of

demonstrations that correspond with general chemistry, seminar presentations, and introduction to research projects at Drake.

1.000 Credit hours

1.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Chemistry Department

#### CHEM 009 - CHEMISTRY CONNECTIONS II

This course is continuation of chemistry connections I, and includes reading and analysis of scientific papers, seminar presentations, and an introduction to research instrumentations.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture

Chemistry Department

#### CHEM 012 - FOOD AND HEALTH

Food and Health is a course about personal nutrition and its relationship to health by way of food, food components, and social stratification. There is now a large body of evidence which demonstrates that our diets have a major impact on our health. In this course, we will examine all aspects of this subject. This course has no prerequisites, but an awareness of global public health issues is desired. This course will serve as an all-level elective for the global public health concentration.

3.000 Credit hours

Levels: Law, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

#### CHEM 061 - INTERMEDIATE INORGANIC CHEM

A survey of the chemistry of the elements and their compounds, using the Periodic Table as an organizing principle. Special attention will be given to structure, bonding, chemical reactivities, and practical applications in materials science, biological chemistry, medical chemistry, and environmental chemistry. Pre-requisites: CHEM 002 and CHEM 004.

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Chemistry Department

#### CHEM 070 - ART AND CHEMISTRY

This course examines the intersections of art and chemistry, with specific focus on the medium of painting. It is grounded in the questions of what art history can learn from chemical studies of artworks, and how knowledge of art history can guide chemical inquiries. Topics include the materials and processes of art making; the authentication, restoration, and conservation of art and their ethical implications; and the historical circumstances in which specific artworks were created. The course will include lecture, discussion, laboratory experiments, and field trips.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Chemistry Department

Course Attributes:  
Artistic Experience, Int Study Humanities/Sciences

#### CHEM 081 - QUAN CHEM ANALYSIS

The principles and applications of volumetric, spectrometric and electrometric measurement in the determination of quantities of organic, biological and inorganic chemicals. With laboratory. Prereq.: CHEM 002 and 004.

0.000 TO 4.000 Credit hours  
4.000 Lecture hours  
0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Chemistry Department

#### CHEM 097 - ORGANIC CHEMISTRY I

A study of the chemistry of aliphatic, alicyclic, and aromatic compounds including structure and nomenclature, stereochemistry, properties and reactions, reaction mechanisms, and spectroscopy.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Life Science, Physical Science

#### CHEM 098 - ORGANIC CHEMISTRY LAB I

The laboratory experiments complement and reinforce concepts introduced in Organic Chemistry I (CHEM 097). They include purification techniques, synthesis and characterization of organic compounds.

1.000 Credit hours

1.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

#### CHEM 1-- - CHEM UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Chemistry Department

#### CHEM 108 - ORGANIC CHEMISTRY II

Continuation of Chemistry 97 with further study of the chemistry of aliphatic, alicyclic, aromatic, and heterocyclic compounds with an emphasis on the compound classes containing oxygen and nitrogen. The study includes structure and nomenclature, stereochemistry, properties and reactions, reaction mechanisms, and spectroscopy. Prereq.: Chem 097, 098.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Chemistry Department

Course Attributes:  
Life Science, Physical Science

#### CHEM 110 - ORGANIC CHEM LAB II

The laboratory experiments complement and reinforce concepts introduced in Organic Chemistry II (CHEM 108). They include purification techniques, synthesis and characterization of organic compounds. Prereq.: CHEM 097 and CHEM 098.

1.000 Credit hours  
1.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Chemistry Department

Course Attributes:  
Life Science, Physical Science

#### CHEM 130 - BIOCHEMISTRY

A study of the nature of the chemical constituents of living matter, the functions and transformation of these chemical entities in biological systems, and the chemical changes associated with these transformations in the course of the activity of living matter. Prereq.: CHEM 108, CHEM 110.

3.000 Credit hours

Levels: Non-Drake, Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Chemistry Department

#### CHEM 131 - BIOCHEMISTRY LAB

Introduction to biochemical laboratory techniques. Provides practical experiences with techniques for separation and characterization of biomolecules and methods of examining biochemical reactions including kinetics. Prereq.: CHEM 108 and CHEM 110.

1.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Chemistry Department

#### CHEM 132 - ADVANCED BIOCHEMISTRY

Continuation of CHEM 130 with further emphasis on protein and nucleotide metabolism, biochemical genetics, enzyme mechanisms and kinetics, biochemistry of membrane transport, vision, immunology, hormone action, and virology. Prereq.: CHEM 130 or BIO 131, or consent of instructor.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Chemistry Department

#### CHEM 133 - ADV BIOCHEM LAB

Continuation of CHEM 131. Further applications of basic biochemical laboratory techniques with emphasis on more advanced techniques in instrumental methods, protein characterization and molecular genetics. Prereq.: CHEM 131 or consent of instructor.

1.000 Credit hours

1.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Chemistry Department

### CHEM 134 - MOLECULAR BIO

Introduction to the principles, practices and applications of modern molecular biology. The chemistry of informational macromolecules; mechanism, regulation and integration of informational processes in the cell; application to basic biology and medicine; implications for society. Prereq.: Chem 130 or BIO 165 or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Chemistry Department

### CHEM 135 - MOLECULAR BIO LAB

Introduction to the methods of molecular biology with an emphasis on the development of critical thinking and problem solving skills. Laboratory provides practical experience with cell culture, the characterization of proteins and nucleic acids, and molecular cloning techniques, including the application of the polymerase chain reaction method. Prereq.: BIO 165 or consent of instructor; concurrent enrollment in CHEM 134 is encouraged.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Chemistry Department

### CHEM 136 - STRUCTURAL BIO

Introduction to the principles, methods and applications of structural biology, a discipline that seeks to relate molecular form to biological function. An analysis of molecular structure and biological function in relation to the molecular biology of the cell, and an exploration of the applications of this understanding. Practical experience in the use of sequence analysis and molecular graphics computer programs as applied to structural problems in cellular and molecular biology. Prereq.: BIO 165, CHEM 130, or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Chemistry Department

### CHEM 137 - ADV MOLECULAR LS LAB

Advanced Molecular Life Sciences Laboratory is a capstone interdisciplinary course that involves students in a laboratory research problem. The course is structured to model the process used by practicing scientists as they conduct research. Accordingly, as students approach their research problem, they will learn to develop both effective experimentation skills (techniques, data evaluation, experimental design) and effective communication skills (writing proposals, reports and notebooks; speaking at seminars and professional meetings; listening to experts and colleagues). Prereq.: Any one of the following: CHEM 130, CHEM 137,



BIO 12, BIO 165, or consent of instructor.

3.000 Credit hours

0.000 Lecture hours

3.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Chemistry Department

#### CHEM 148 - UNDERGRAD RESEARCH

Participation in and contribution to research programs in collaboration with individual faculty members. The research will be the basis for a formal written report. Prereq.: Consent of the instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

Chemistry Department

#### CHEM 155 - ADV ORGANIC CHEM

The lecture component of this course covers the important concepts of synthetic and mechanistic organic chemistry including the chemistry of enolates and enamines, functional group interconversions, oxidations and reductions, cycloadditions, unimolecular rearrangements, highly reactive intermediates, and multistep synthesis. The laboratory component focuses on microscale syntheses and special analysis using spectroscopic and chromatographic techniques including IR, NMR, GC, UV-Vis, HPLC and GC-MS. Several of the laboratory experiments are open-ended projects. With laboratory. Prereq.: CHEM 108, CHEM 110, and CHEM 165, or consent of instructor.

0.000 OR 4.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

All Sections for this Course

Chemistry Department

#### CHEM 161 - BIOPHYSICAL CHEMISTRY

Intended for students majoring in biochemistry, cell and molecular biology (BCMB), pharmaceutical sciences (BSPS) and biology. The course will explore how living systems create in a disorderly world, drive equilibria in directions dictated by immediate needs of the organisms, make reactions occur so efficiently, specifically and effectively. They will explore how we observe chemical and physical properties of life's molecules and discuss all these topics in the context of some examples that include photobiology, transport, and macromolecular folding. The laboratory component will expose students to physical chemistry concepts from a biochemical and pharmaceutical perspective. Prerequisites: at least one semester of calculus, 2 semester of physics, or consent of instructor.

0.000 TO 4.000 Credit hours  
4.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Chemistry Department

#### CHEM 165 - PHYSICAL CHEMISTRY

Intended for students in chemistry and the health sciences who desire a knowledge of the physical chemical concepts that apply in their fields. The course includes topics in chemical thermodynamics, chemical kinetics and related areas. With laboratory. Prereq.: CHEM 81, PHY 2 or 12, MATH 70 or consent of instructor.

0.000 TO 4.000 Credit hours  
4.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Chemistry Department

#### CHEM 166 - INTERM PHYSICAL CHEM

Continuation of the study of physical chemical principles. Topics include quantum mechanics, molecular dynamics, chemical equilibria and statistical thermodynamics. With laboratory. Prereq.: CHEM 165. (MATH 100 is highly recommended).

0.000 TO 4.000 Credit hours  
0.000 TO 4.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Chemistry Department

#### CHEM 170 - INTRO TO COMPUTATIONAL CHEM

Computer modeling has risen rapidly from the esoteric realm of experts to a place of central prominence and utility in many, if not all, natural sciences. In CHEM 170, we use computer models to explore how chemical behavior arises from the electronic structure of atoms and molecules. Potential applications include molecular structure and bonding, the absorption and emission of light, reaction mechanisms, and solvent effects on chemical reactivity. This course is suitable for (among others) a wide range of natural science majors, and computer programming experience is not required.

3.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Chemistry Department

### CHEM 180 - ADV INORGANIC CHEM

A study of modern inorganic chemistry, with emphasis on areas of active research. Topics include structure and symmetry, coordination chemistry of the transition metals, organometallic and bioinorganic chemistry. In laboratory, representative compounds are synthesized and characterized. With laboratory. Prereq.: CHEM 165 or consent of instructor.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

## Chemistry Department

### CHEM 182 - CHEM INSTRUMENTS/ANALYSIS

This course, grounded in the principles of analytical chemistry, is aimed at understanding the physical phenomena underlying modern chemical instrumentation as well as the design of instrumentation. The application of instrumentation to the solution of quantitative and qualitative chemical, biochemical, and pharmaceutical problems is also emphasized. In the laboratory, students use a wide variety of spectroscopic, chromatographic and electrochemical techniques including UV-Vic, IR, NMR, ICP, CE, GC, GC-MS, HPLC and CV. With laboratory. Prereq.: Chem 165 or consent of instructor.

0.000 TO 4.000 Credit hours

0.000 TO 4.000 Lecture hours

0.000 TO 4.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

## Chemistry Department

### CHEM 190 - INTEGRATED CHEMISTRY TOPICS

Specialized study of a chosen topic in chemistry. Prereq.: Consent of instructor.

0.500 TO 4.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Internship, Lecture/Lab Combo, Web Instructed

## Chemistry Department

### CHEM 195 - JUNIOR SEMINAR I

This course is designed to prepare chemistry majors for presentation of original chemical research. This course features presentations and discussions of chemical research by visiting scientists, Drake faculty, and senior

chemistry majors. Required for Chem B.S., optional for Chem B.A.

1.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Chemistry Department

#### CHEM 196 - JUNIOR SEMINAR II

Continuation of CHEM 195. Required for Chem B.S., optional for Chem B.A. Pre-req: CHEM 195.

1.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Chemistry Department

#### CHEM 197 - SENIOR SEMINAR I

This course continues the preparation of chemistry majors for presentation of their original chemical research. The course features presentation and discussions of chemical research by visiting scientists, Drake faculty, and junior and senior chemistry majors. Emphasis is placed on clear understanding of underlying chemical principles, selection and circumscription of appropriate topics and content, development of aids to presentation, and a clear presentation style. Required for all Chem majors.

1.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Chemistry Department

#### CHEM 198 - SENIOR SEMINAR II

Continuation of CHEM 197. Required for all Chem majors. Pre- req: CHEM 197.

1.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Chemistry Department

#### CHIN 0-- - CHIN LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture

World Languages and Cultures Department

### CHIN 001 - BEGINNING CHINESE I

BEGINNING CHINESE is an introductory course to develop communicative competency of conversational and listening comprehension skills of Mandarin Chinese; and to master basic grammatical structures. A cultural component is integrated with the language studies. CHIN 001 is designed for students who have little or no previous exposure to Chinese.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

### CHIN 002 - BEGINNING CHINESE II

BEGINNING CHINESE is an introductory course to develop communicative competency of conversational and listening comprehension skills of Mandarin Chinese; and to master basic grammatical structures. A cultural component is integrated with the language studies. CHIN 002 is designed for students who have had CHIN 001 or equivalent proficiency.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Course Attributes:

Global and Cultural Understand

### CHIN 051 - INTERMEDIATE CHINESE I

INTERMEDIATE CHINESE is a course to further develop communicative skills in listening, speaking, reading, and writing at the intermediate level in Mandarin Chinese. A cultural component is integrated with the language studies. CHIN 051 is designed for students who have had one year of Chinese at the college level or equivalent proficiency.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

### CHIN 052 - INTERMEDIATE CHINESE II

INTERMEDIATE CHINESE is a course to further develop communicative skills in listening, speaking, reading, and writing at the intermediate level in Mandarin Chinese. A cultural component is integrated with the language studies. CHIN 052 is designed for students who have had CHIN 051 or equivalent proficiency.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Course Attributes:

Global and Cultural Understand, International & Multicultural

CHIN 1-- - CHIN UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture

World Languages and Cultures Department

CHIN 140 - CHINESE PRACL SPKG&WRTG

This course focuses on practical/authentic written and oral communication skills and students are expected to be able to function in the target language environment utilizing the basic knowledge they have learned in the previous courses.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

CHIN 150 - CHINESE LANG & CLTR

This is a topics course for advanced language learners. Students may repeat this course as the topic changes.

0.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

World Languages and Cultures Department

CHIN 160 - CHINESE LANG & LIT

A course for language learners with advanced skills that aims to enhance fluency in the target language and develop greater knowledge of its literatures. Students research a specific literary topic, work, or genre in the language under study, then present and explore their findings.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

CHIN 170 - INDEPENDENT STUDY

Students enrolled in this course utilize their language skills to pursue an area of interest while working directly with a professor of the language.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

### COUN 100 - INTRO TO COUNSELING

Introduction to personnel work in schools, vocational rehabilitation, higher education, business and industry, employment service, social agencies, etc. History, philosophy, services, principles and procedures of helping relationships with special attention to the role and function of school counseling, mental health and community agency settings. Introduction to professional organizations, legal and ethical issues, and certification and licensure issues.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

### COUN 101 - Ed Research in Counseling

An overview of how research is planned and conducted in counseling. A history of research philosophy, design, and analysis is covered. Students will learn how to critique different types of journal articles regarding design, statistical procedures, data analysis, and conclusions.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

### COUN 110 - DISABILITY POLICY & ADA

An introduction to the disability rights movement in the United States, the course examines the historical antecedents to the disability rights movement, paying particular attention to the treatment and stereotyping of persons with disabilities. The course also closely examines the Americans with Disabilities Act (ADA) and other disability related legislation, with particular emphasis on its legislative history and its impact on society as a whole and the counseling profession, specifically.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

### COUN 115 - Theories of Counseling

Study of counseling theories, utilization of personal and environmental data in the Counseling process, and investigation of procedures appropriate to various counseling theories and specific settings. Prereq.: Consent of Instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

COUN 120 - Occup. Inform & Prof. Resourc

This course addresses how counseling professions can secure, evaluate and use occupational information and professional resources in working with individuals and groups. Studies of labor market trends and projections, transferable work skills, employment and training opportunities, and issues of career development are explored. Students learn how to use computer technology to access distant databases and communicate with other professionals.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

COUN 121 - Methods & Procedures Counsel

This course is designed to facilitate students' understanding of the necessary and sufficient conditions for therapeutic change, and the techniques for communicating those conditions. Students are asked to participate in role plays during class and serve as counselors, clients, and observers in structured counseling sessions. There is an emphasis on specific issues of diverse populations. Prereq.: Consent of the Instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

COUN 122 - Legal Issues/Rehabilitation

Provides an overview of current legal issues impacting the field of rehabilitation. Emphasis is on the impact on the provision of rehabilitation services to individuals with disabilities.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department



### COUN 124 - Assessment

This course focuses on diagnostic and assessment processes of individuals and groups. The primary focus will be on administration and interpretation of standardized and non-standardized tests, inventories, observations, and case data for use in counseling. Prereq: Consent of Instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

### COUN 125 - Human Develop. & Life Issues

Information on human development and life issues as a basis for understanding and providing assistance. Including, but not limited to transitions, developmental concerns, crises, and other issues which can put the client at risk. Prereq.: Consent of Instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

### COUN 130 - Independent Study

See General Academic Requirements Section.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Counseling Department

### COUN 132 - Admin. Field Work

A supervised administrative experience in various rehabilitation settings. Students will spend 150 hours on-site learning about the administrative functioning of rehabilitation and related service organizations. Class seminars are scheduled to discuss experiences.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

### COUN 133 - Human Resources Field Work

A field experience in a company's human resources office. The class involves multiple projects related to accessibility, accommodations, job descriptions reviews, and ergonomic analyses. All projects are designed to better enhance employment options for people with disabilities.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

### COUN 137 - PROGRAM EVALUATION

An introduction to program evaluation, the course focuses on the concepts and ideas used in the development of a methodology for evaluating programs. Students will work with an agency to develop a plan, gather data, synthesize it, and develop an outcome report to present to the agency.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

### COUN 145 - COUNSEL DIVERSE POPU

This course is designed to familiarize students with the special needs of clients from under-represented groups. These groups include ethnic and religious minorities, women, people with disabilities, senior adults, and people of different sexual orientations. This course discusses the situations these groups face as they seek counseling and educational services. Students learn how to empathize with clients from populations other than their own and how to access useful resources.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:  
Community Engaged Learning, Global and Cultural Understand

### COUN 146 - MEDICAL ASPECTS

An analysis of the various anatomical systems to discuss terminology, dysfunction, and treatment. Specific diseases will be studied and their social, family, vocational, and functional limitation reviewed.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Counseling Department

### COUN 148 - Transition to Community

An overview of the history, legislation, concepts, current issues and practices in the transition of students with disabilities from school to community. Emphasis will be given to inter-agency collaboration; working with public schools, roles and responsibilities of vocational rehabilitation in the transition process; designing, developing and writing Individual Education Programs (IEPs) and Individual Plans of Employment (IPEs) for transition services; designing and implementing comprehensive community based programs for transition; and evaluation of transition programming.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Counseling Department

### COUN 150 - Worksite Training & Support

An overview of how counseling skills can be provided to consumers at the work site and an understanding of more complex and systematic work site counseling and consulting skills. The course is designed to help students integrate prior course and practical experiences. Students will learn how to draw upon theory and research to conceptualize, plan, and provide counseling services.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Counseling Department

### COUN 154 - APPLD POS PSY:INTEGR STREN PRA

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 160 - Counseling Practicum

Supervised experiences to prepare students for assuming counseling responsibilities in community-based agencies, business, and schools. Prereq.: COUN 115, 121, 124

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Counseling Department

### COUN 162 - Case Management

An exploration of how counselors manage caseloads. Students review case management procedures and critique methods for ensuring efficient use of time and quality assurance.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Counseling Department

### COUN 163 - Rehabilitation Administration

An introduction to the knowledge, tools, decision-making strategies, and ethical issues relevant to current community based rehabilitation. This course is meant as a survey course and includes an introduction to the following topical areas: history and evolution of organizations, management theory; fundamentals of management and organizational behavior; organizational roles, functions, and operations; leadership; ethics; program evaluation; and planning.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Counseling Department

### COUN 164 - Placement Counseling Issues

Theories of placement as practices in educational and rehabilitation settings. Students will learn about current methods and techniques of placement and employer development. They will explore innovative placement approaches such as supported employment, projects with industries, and demand-side placement. Students will develop strategies for implementing placement in various work settings.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Counseling Department

### COUN 165 - Advanced Placement

Students will work on projects to develop a deeper understanding of the issues faced when working with employers and individuals with disabilities. Student will work with employers to develop an understanding of the issues they face when hiring an individual with a disability. Students will interact with other provider agencies to understand the roles they can play in the placement process.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

#### COUN 173 - Prof Issues in Rehab Admin

A focus on current challenges and issues facing rehabilitation administrators in the professional delivery of rehabilitation services. Through discussion, special projects, and assigned presentations, students develop an ability to respond on current issues in rehabilitation. The course is designed to deepen the student's understanding of best practices in the management, planning, and delivery of rehabilitation services.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

#### COUN 175 - Collaboration & Counseling

An in-depth exploration of counselors as consultants to organizations. Emphasis is on working with human service agencies to build collaboration, develop systemic services, and objectively evaluate program performance.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

#### COUN 190 - INTERNSHIP

Supervised on-site experience for school Counselors.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Counseling Department

#### COUN 199 - SELECTED TOPICS

Special courses, workshops, seminars and educational trips on selected timely topics.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Counseling Department

### COUN 200 - INTRO TO COUNSELING

Introduction to personnel work in schools, vocational rehabilitation, higher education, business and industry, employment service, social agencies, etc. History, philosophy, services, principles and procedures of helping relationships with special attention to the role and function of school counseling, mental health and community agency settings. Introduction to professional organizations, legal and ethical issues, and certification and licensure issues.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 201 - EDUC RESEARCH in COUNSELING

An overview of how research is planned and conducted in counseling. A history of research philosophy, design, and analysis is covered. Students will learn how to critique different types of journal articles regarding design, statistical procedures, data analysis, and conclusions.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 210 - DISABILITY POLICY

An introduction to the disability rights movement in the United States, the course examines the historical antecedents to the disability rights movement, paying particular attention to the treatment and stereotyping of persons with disabilities. The course also closely examines the Americans with Disabilities Act (ADA) and other disability related legislation, with particular emphasis on its legislative history and its impact on society as a whole and the counseling profession, specifically.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 215 - THEORIES OF COUNSEL

Study of counseling theories, utilization of personal and environmental data in the counseling process, and investigation of procedures appropriate to various counseling theories and specific settings.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 216 - THEORIES AND TECHNQ OF COUNS

This course includes the study of counseling theories, utilization of personal and environmental data in the counseling process, and investigation and practice of procedures and techniques that are appropriate to various counseling theories and specific settings.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 220 - CAREER COUNSELING

This course addresses how counseling professionals can secure, evaluate and use occupational information and professional resources in working with individuals and groups. Studies of labor market trends and projections, transferable work skills, employment and training opportunities, and issues of career development are explored. Students learn how to use computer technology to access distant databases and communicate with other professionals.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 221 - METHODS OF COUNSELNG

This course is designed to facilitate students' understanding of the necessary and sufficient conditions for therapeutic change, and the techniques for communicating those conditions. Students are asked to participate in role plays during class and serve as counselors, clients and observers in structured counseling sessions. There is an emphasis on specific issues of diverse populations. Prereq.: COUN 215

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Education: Leadership & Couns Department

#### COUN 222 - LEGAL ISSUES IN REHAB

Provides an overview of current legal issues impacting the field of rehabilitation. Emphasis is on the impact on the provision of rehabilitation services to individuals with disabilities.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 223 - INSURANCE ISSUES

This course provides an overview of the profession of rehabilitation from the perspective of the private, for-profit sector. It describes the role fo rehabilitation specialists, various insurance models and forensic rehabilitation.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 224 - ASSESSMENT

This course focuses on diagnostic and assessment processes of individuals and groups. The primary focus will be on the administration and interpretation of standarized and non-standardized tests, inventories, observations, and case data for use in counseling. Crosslisted with SPED 251.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 225 - HUMAN DEV & LIFE ISSUE

An introduction and exploration of theories of human development across the lifespan, this course looks at the major theories of personality development, developmental crises and cultural factors impacting development, as well as strategies for facilitating the transition between developmental stages.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 228 - PSYCHIATRIC DISORDER



The description, diagnostic criteria, treatments and prognosis for each of the major mental disorders as described in the DSM-IV are presented. The implications of each disorder on the client's personal, social and educational functioning are addressed.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 230 - INDEPENDENT STUDY

See general academic requirements section.

1.000 TO 3.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

#### COUN 233 - HUMN RESOURCE FLD WK

A field experience in a company's human resources office. The class involved multiple projects related to accessibility, accommodations, job description reviews, and ergonomic analyses. All projects are designed to better enhance employment options for people with disabilities.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:  
Community Engaged Learning

#### COUN 236 - GROUP PROCEDURES

Study of group counseling theories. Supervised practice in working with groups. Prereq.: COUN 221.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 240 - INTRO FAMILY COUNSEL

Basic concepts of family counseling. Overview of theoretical positions. Procedures appropriate to a variety of theories and specific settings are explored. Prereq.: COUN 221.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 241 - ELEM GUIDANCE

The organization, administration, & delivery of a comprehensive, sequential, developmental guidance program & career services in the elementary school. Including basic guidance concepts, classroom guidance, consultation, parenting, development and coordination of the guidance program. Prereq.: COUN 200.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 242 - SECONDARY GUIDANCE

The organization, administration, & delivery of a comprehensive, sequential, developmental guidance program & career services in the secondary school. Prereq.: COUN 200.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 243 - COMPREH SCHOOL COUN PROGRAM

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 244 - DIAGNOSIS & TREATMENT PLANNING

This course will examine the process of diagnosing and developing treatment plans for a broad range of individuals, couples, and groups who present for counseling services. Students will develop an understanding of individual and group approaches to assessment and evaluation.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 245 - COUNSELING DIVERSE POP

This course is designed to familiarize students with the special needs of clients from under-represented groups. These groups include ethnic and religious minorities, women, people with disabilities, senior adults, and people of different sexual orientations. This course discusses the situations these groups face as they seek Counseling and educational services. Students learn how to empathize with clients from populations other than their own and how to access useful resources.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:

Community Engaged Learning

#### COUN 246 - MEDICAL ASPECTS of DISABILITY

An analysis of the various anatomical systems to discuss terminology, dysfunction, and treatment. Specific diseases will be studied and their social, family, vocational, and functional limitation reviewed.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 248 - Transition to Community

An overview of the history, legislation, concepts, current issues and practices in the transition of student with disabilities from school to community. Emphasis will be given to inter-agency collaboration; working with public schools, roles and responsibilities of vocational rehabilitation in the transition process, designing, developing and writing Individual Education Programs (IEPs) and Individual Plans of Employment (IPEs) for transition services; designing and implementing comprehensive community based programs for transition; and evaluation of transition programming.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 250 - TRAUMA & CRISIS COUNSELING

An overview of how counseling skills can be provided to consumers at the worksite and an understanding of more complex and systematic worksite counseling and consulting skills. The course is designed to help students integrate prior course and practical experiences. Students will learn how to draw upon theory and research to conceptualize, plan and provide counseling services.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 253 - SCH COUNS PRGM IMPLEMENT

The purpose of this course is to help students to develop skills in implementing and evaluating school counseling programs. Students will develop knowledge in roles and responsibilities of school counselors, styles of leadership and developing data-informed decision-making skills. The main purpose of this course is to learn strategies to implement and evaluate school counseling programming based on the ASCA model. This course also will provide knowledge and practical skills of prevention, intervention, consultation, advocacy, and crisis management.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 254 - APPLD POS PSY:INTEGR STREN PRA

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 256 - INDIVID & FAMI ISSUES-SUB ABUS

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 260 - COUNSELING PRACTICUM

Supervised experiences to prepare students for assuming counseling responsibilities in community-based agencies, business, and schools. Prereq.: COUN 215, 221, 224.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:

Community Engaged Learning

### COUN 262 - CASE MANAGEMENT

An exploration of how counselors manage caseloads. Students review case management procedures and critique methods for ensuring efficient use of time and quality assurance.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 264 - PLACEMENT ISSUES COUNSELING

Theories of placement as practiced in educational and rehabilitation settings. Students will learn about current methods and techniques of placement and employer development. They will explore innovative placement approaches such as supported employment, projects with industries, and demand-side placement. Students will develop strategies for implementing placement in various work settings.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 265 - ADVANCED PLACEMENT

Students will work on projects to develop a deeper understanding of the issues faced when working with employers and individuals with disabilities. Students will work with employers to develop an understanding of the issues they face when hiring an individual with a disability. Students will interact with other provider agencies to understand the roles they can play in the placement process.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 266 - Vocational Counseling

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 285 - Issues/Counseling Research

An extension of COUN 201 in which more detailed analysis of research is conducted. Students will develop research proposals that are of sufficient detail that they are ready to be conducted.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 286 - COLLEGE AND CAREER READINESS

College and career readiness is a relatively new focus in K-12 education and may become a new benchmark on which K-12 systems are evaluated. This course combines career exploration/development, college access, college knowledge information (entrance requirements, financial aid information) as well as strong grounding in non- cognitive factors that impact student success. Students will understand the myriad of factors (e.g., growth mindset, self-efficacy, resilience, optimism, self-management) that impact student successes. Students will develop strategies to integrate career development into their existing lessons and teaching strategies.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 288 - Treatise

See General Academic Requirements Section

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### COUN 290 - SCHOOL CONSELING INTERNSHIP

Supervised on-site internship for school Counselors. Prereq: COUN 235 and COUN 236

0.000 TO 6.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:

Community Engaged Learning

#### COUN 291 - MENTAL HEALTH COUN INTERNSHIP

On site internship for Community Counselors

0.000 TO 6.000 Credit hours

0.000 TO 6.000 Lecture hours

Levels: Non-Drake, Graduate, Law

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:

Community Engaged Learning

#### COUN 292 - REHABILITATION INTERNSHIP

Supervised on site inteernship for Rehabilitation Counselors

0.000 TO 6.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:

Community Engaged Learning

#### COUN 298 - SELECTED TOPICS

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### COUN 299 - SPECIAL TOPICS

1.000 TO 4.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### CRLI 200 - EFFECTIVE TEACHING I

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

### CS 0-- - CS LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 065 - INTRO TO CS I

Algorithms, programming, program structures and computing systems. Debugging and verification of programs, data presentation. Computer solution of problems using a high- level language. Prereq.: Four years of high school mathematics or MATH 20.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Critical Thinking, Information Literacy

### CS 066 - INTRO TO CS II

Continuance of CS 65 using a block-structured language and emphasizing data abstraction. More general data structures and alternative implementations of them are used in programs, Sorting, searching and tree traversal algorithms are used and analyzed. Provides preparation for further study in computer science. Prereq: CS 65 or equivalent

3.000 Credit hours  
3.000 Lecture hours



Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 073 - COMPUTER LANG TOPICS

Introduction to specific programming and special purpose computer languages for students who are already familiar with a high-level programming language. Prereq.: CS 65 or equivalent. Some topics may have additional prerequisites.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 083 - ETHICAL/SOCIAL COMPUTING

This course increases understanding of issues related to ethics, professional conduct and social responsibility as they arise in Computer Science and applications of Information Technology. Additionally, the course serves to develop 1) the ability to think clearly; 2) habits of professional responsibility and behavior; and 3) effective writing and presentation skills. Students are exposed to the history of the discipline from a social point of view, and to various frameworks from which ethical and professional decisions must be made within the discipline.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:

Int Study Humanities/Sciences, Values and Ethics

### CS 1-- - CS UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 114 - SYMBOLIC LOGIC

Study of the concepts and techniques of modern formal logic, including axiomatic developments of the sentential calculus and an examination of the first-order predicate calculus in a system of natural deduction. Crosslisted with PHIL 114.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Quantitative

### CS 116 - BIOINFORMATICS

An introduction to the principles, practice and application of bioinformatics. The focus of the course will be the analysis of biological systems through the use of computational methods. Topics include: sequence alignment, algorithm analysis, genome assembly, and databases. Cross- listed with BIO 116.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### CS 128 - ROBOT PROGRAM & CONTROL THEORY

The course introduces students to various aspects of robotics, with particular emphasis on programming and PID control theory. It stresses real-time and multi-task programming, with appropriate and effective reactions to external conditions. Students work in small groups to design, build, and program small-scale robots.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 130 - COMP ORGANIZ & ASSEMBLY

Computer organization and architecture; internal representation of programs and data; assembly language programming; addressing techniques, macros, assemblers, linking; input/output concepts. Prereq.: CS 66 or equivalent.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 135 - PROGRAMMING LANGUAGES

Syntax and semantics of high-level computer languages. Examination of the major decisions in the design and implementation of all algorithmic languages. Examination of the run-time structures required to support modern programming languages and paradigms. Prereq.: CS 66 OR 130

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 137 - ALGORITHM ANALYSIS

Formal and informal methods for analyzing the correctness and efficiency of algorithms. Implementation and analysis of advanced algorithms and data structures such as AVL trees, B-trees, hash-tables, heaps, and graph algorithms. Introduction to complexity theory and NP-Completeness. Prereq.: CS 065 and either MATH 054 or MATH/CS 150.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### CS 139 - THEORY OF COMPUTATION

Theoretical foundations of computing. Introduction to formal grammars, languages and automata theory. Mathematical analysis of the fundamental power and limitations of computing devices. Applications to pattern matching, problem specification, programming languages and compilers. Prereq.: CS 065 and either MATH 054 or MATH/CS 150.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 140 - COOPERATIVE EDUCATION

Students who are in a work environment related to the major field of study may receive credit for applications of classroom knowledge to their job. The student meets regularly with the adviser to determine appropriate assignments. May be repeated up to a maximum of eight hours of credit.(Graded on a credit/no credit basis.) Prereq: At least junior standing or consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### CS 143 - ARTIFICIAL INTELLIGENCE

Introduction to the theory, tools and methods of artificial intelligence. Topics include knowledge representation, predicate calculus, basic data structures, and problem solving strategies. A symbol manipulation language is used. Computer science aspects of artificial intelligence are emphasized. Applications from areas such as natural language understanding, vision or expert systems are examined.  
Prereq.: CS 66

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 146 - OBJECT-ORIENTED SOFTWARE/UML

In recent year various early strategies for developing object-oriented software have coalesced, resulting in highly developed methodologies such as the popular "Unifed Process" of Jacobson, Booch and Rumbaugh. An important aspect of this methodology is an intricate set of diagramming techniques collectively referred to as the "Unified Modeling Language (UML)". Since its introduction in the mid-1990's, UML has rapidly become the de facto standard for expressing the intricate static and dynamic details of today's complex software products. The course focuses on learning to develop highly organized and maintainable programs, and on using UML and "Design Patterns" as a means for expressing their features and for guiding their design.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 147 - COMPUTER GRAPHICS

Introduction to computer graphics terminology and hardware. Elementary graphics mathematics and algorithms. Prereq.: CS 066.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 150 - DISCRETE STRUCTURES

The course covers subjects in discrete mathematics with applications to computer science. Topics include algorithms, graph theory and combinatorics. Prereq.: CS 65 and MATH 101. Crosslisted with MATH 150.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### CS 160 - OPERATING SYSTEMS

Introduction to the design, development and implementation of operating systems. Problems of resource allocation, concurrency file systems design, networking and the interface between hardware and software. Prereq.: CS 130.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### CS 161 - COMPILER CONSTRUCTION

Program language structures, translation, loading and execution, compilation of expressions and statements, organization of a compiler. Prereq.: CS 135.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### CS 165 - INTRO NUMERICAL ANALYSIS

Error analysis, iterative methods for solving nonlinear equations, direct and iterative methods for solving linear systems, approximation of functions, derivatives, integrals. Prereq.: CS 65 MATH 80 and 100. Crosslisted with MATH 165.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

## CS 167 - MACHINE LEARNING

This course introduces approaches to developing computer programs that learn from data. Both foundational and contemporary machine learning algorithms will be covered in the context of a variety of data and problem types. Specific topics will vary but may include artificial neural networks, decision trees, instance-based learning, Bayesian learning, support vector machines, hidden Markov models, reinforcement learning, and natural language processing. Students will develop their own implementations of the algorithms as well as utilize modern machine learning software and programming libraries. Pre-requisite: CS 066.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

## CS 172 - DIGITAL COMP ORG

Basic digital circuits, Boolean algebra, combinational logic, data representation and transfer, digital arithmetic. Computer design, hardware structure and function. Prereq.: CS 130.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

## CS 178 - CLOUD AND DATABASE SYSTEMS

Data sets have become so large and complex that a new set of software tools must be developed in order to facilitate questions that can lead to impactful insights. This course will provide an in-depth study of tools and techniques used to process 'big data' stored on multiple computers. Topics include virtualization, python programming, the Hadoop ecosystem, MapReduce programming, Amazon Web Services, database querying including SQL and NoSQL programming.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

## CS 188 - SOFTWARE ENGINEERING

Developing software is fundamentally different from writing programs. While programming expertise is a critical skill, the ability to produce software that is useful, usable and accepted by a broad audience requires much more to be successful. This course will expose you to some intricacies of developing Software. We will survey the field of software engineering, covering the life cycle of software, various developmental strategies, requirement analysis, design tools, and testing methodologies. These concepts will be explored in theory as

well as in practice: you will gain experience in conceiving, specifying, designing, developing and implementing a reasonably sized software solution.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### CS 190 - CASE STUDIES IN DATA ANALYTICS

In this course, students will apply descriptive, predictive, and prescriptive data analysis methods learned in previous courses to new cases. Students will learn to effectively manage long-term data analysis projects within diverse teams through a complete data analytics project lifecycle and compellingly communicate outcomes through writing and oral presentations which include appropriate use of data visualizations. Credits: 3. Pre-requisites: (1) CS 066, (2) STAT/MATH 130 or ACTS/MATH 131, and (3) two of STAT 170, STAT 172, CS 167, CS 178.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### CS 191 - COMPUTER SCIENCE CAPSTONE

The purpose of a capstone is for students, in small groups, to undertake an independent project that applies and synthesizes what they have learned in their major. This course typically is taken in one of the student's final two semesters at Drake, but is only offered one semester per year. The project generally involves developing a significant software package, with a written paper documenting this effort, and a public poster presentation at the end of the semester. Several milestones and target dates may be set for this project at the start of the course, and these might involve in-class demonstrations. However, at a student's request, the instructor may in some cases modify the project parameters, as for example, replacing software development with an in-depth research project into theoretical computer science.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### CS 195 - SELECTED TOPICS

Seminars in selected topics .

0.000 TO 3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Mathematics & CS Department

### CS 199 - INDEPENDENT STUDY

Directed individual study in areas related to the student's needs or interests. Prereq.: Consent of department.

0.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

Mathematics & CS Department

### DOC 301 - DOCTORAL SEMINAR

First semester of a two semester study and analysis of practice-based issues. This course will explore the theoretical foundations of social science and practice-based research design with an emphasis on the integration of theory as studies in DOC 350 in the research process.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### DOC 302 - DOCTORAL SEMINAR

Second semester of a two semester study and analysis of practice-based issues. This course will explore individual and ethical responsibilities with an emphasis on leadership, multiculturalism, and social justice.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### DOC 305 - QUANTITATIVE METHODS

Rationale, application, and communication of basic quantitative methods and statistical analyses commonly used in educational research.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department



### DOC 306 - QUALITATIVE METHODS

Principles of methodology associated with qualitative research in education; critiquing, planning, and conducting qualitative research.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### DOC 308 - DOCTORAL APPRENTICESHIP

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### DOC 330 - INDEPENDENT STUDY

1.000 TO 4.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

### DOC 345 - THEORY, RESEARCH, & LEADERSHP

A study of major theories of leadership and organizational design.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### DOC 350 - PHILOSPH & EPISTEMOLOGIE OF ED

Study of philosophical, psychological and technological foundations of education, with an emphasis on theories of teaching, curriculum, research and leadership.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### DOC 360 - LEARNING, LEADING, TECHNOLOGY

Students will explore what it means to communicate, learn, and lead in a "wired world" by examining current issues of implementation, use, and assessment of technology in various settings. These issues may include: How has/does technology change(d) the way we learn, lead, and communicate; how does one think philosophically about technology; how can technology research be critically examined to inform decisions. Emphasis will be balanced between knowledge about information technologies and the use of information technologies in a range of settings.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### DOC 370 - PROGRAM EVALUATION & ASSMT

Students will a) acquire knowledge of basic models and principles of program evaluation; b) develop an understanding of program evaluation practice by designing and conducting an evaluation of a program relevant to their degree and individual interests; c) learn how to write an evaluation report to meet stakeholder information and decision-making needs; and d) acquire an understanding of ethical, social, political, and cultural issues confronted by program evaluators.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### DOC 380 - DOCTORAL APPRENTICESHIP

1.000 TO 6.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

### DOC 381 - CAPSTONE SEMINAR

This doctoral capstone seminar is designed as a semi structured learning group to assist students in identifying a capstone project and guide students in preparing and writing their capstone proposal. The Capstone project is designed to provide EdD students with a culminating path that aligns with the goals and purposes of the EdD degree in the School of Education at Drake University. Specifically, EdD candidates will have the opportunity to design and complete a significant summative project that focuses on addressing a problem of practice within the student's professional community. The capstone project provides an opportunity for the EdD candidate to utilize their leadership, research, analysis, assessment and evaluation, and strategic planning skills to make an effective impact on an identified problem of practice. Each completed Capstone should serve as a valuable resource to members of the partnering communities. The format of the course will include a variety of instructional strategies, which may include mini-lectures, individual and group work, individual and group

presentations, online assignments, guest speakers, library research, and other active learning activities.  
3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### DOC 388 - CAPSTONE PROJECT CREDITS

Students are required to register for a minimum of 9 credit hours while working on their capstone project. If the capstone project is not completed and successfully defended by the time the student has fulfilled registration of the 9 credits, the student is required to continue to register for 1 credit of Doc 388 – Capstone until the capstone has been completed and successfully defended. The Capstone project is designed to provide EdD students with a culminating path that aligns with the goals and purposes of the EdD degree in the School of Education at Drake University. Specifically, EdD candidates will have the opportunity to design and complete a significant summative project that focuses on addressing a problem of practice within the student’s professional community. The capstone project provides an opportunity for the EdD candidate to utilize their leadership, research, analysis, assessment and evaluation, and strategic planning skills to make an effective impact on an identified problem of practice. Each completed Capstone should serve as a valuable resource to members of the partnering communities.

1.000 TO 6.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### DOC 390 - DISSERTATION SEMINAR

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education Administration Department

#### DOC 395 - ADVANCED QUANTITAT RESCH METH

DOC 395 is the second course in the quantitative (DOC 305) research sequence. Course emphasis is on advanced methods of quantitative research design and statistical analyses.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### DOC 396 - ADV QUALITATIVE RSCH METHODS

DOC 396 is the second course in the qualitative (DOC 306) research sequence. Course emphasis is on application of fieldwork in qualitative research, culminating in a final qualitative project.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### DOC 399 - DISSERTATION

3 credits required in each of the last two semesters. 1 additional credit required each semester (including summer) until dissertation is completed.

1.000 TO 6.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

#### ECON 0-- - ECON LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

#### ECON 002 - PRINCIPLES OF MICROECONOMICS

Economic analysis of individual markets. Production, comparative advantage, supply and demand, elasticities, price and quantity controls, taxes and subsidies, international trade, consumer choice, business cost curves and profit maximization, consumer and producer surplus, economic efficiency, monopoly, oligopoly, externalities, and public goods. Students are expected to understand graphs, functions, and algebra at the level of tenth-grade high school mathematics.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Economics Department

#### ECON 010 - PRINCIPLES OF MACROECONOMICS

Economics analysis of the economy as a whole. GDP and its components, price indices, employment and unemployment, determinants of long-run growth, forms and functions of money, causes and measurement of inflation, potential GDP and the output gap, causes of business cycles, fiscal and monetary policy, foreign

exchange rates, and international aspects of macroeconomic policy. Students are expected to understand graphs, fractions, and algebra at the level of tenth-grade high school mathematics. It is recommended but not required that students take ECON 002 before ECON 010.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

ECON 098 - Introductory Selected Topics

Selected topics in economics presented at an introductory level. Course is either a one-time offering or has not yet been added formally to the curriculum.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

ECON 1-- - ECON UPPER DIVISION

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

ECON 105 - MONEY & BANKING

The nature and functions of money; the organization and fundamental principles of commercial banking; the Federal Reserve System; the nature, tools and uses of monetary policy. Prereq.: ECON 001 or ECON 010 and MATH 020 or higher.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

ECON 108 - ENV & NAT RSRCE ECONS

Analysis of allocative efficiency, sustainability, and policy consequences for different types of environmental and natural resource issues using microeconomic methods. Topics include market failure, valuation methods, water and air pollution, climate change, water, land, and ecosystem service valuation. Prereq.: MATH 020 and ECON 002.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Economics Department

Course Attributes:  
Engaged Citizen

### ECON 109 - PUBLIC ECONOMICS

Analysis of public sector revenue and expenditure issues including taxation, public goods, externalities, public choice questions, and intergovernmental fiscal relations. Prereq.: ECON 002.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

Course Attributes:  
Engaged Citizen, LPS Social & Ethical Course, LPS Public Policy Course

### ECON 115 - LABOR ECONOMICS

Analysis of labor markets, including employment and unemployment, wages and benefits, education and training, worker incentives, occupational safety, labor mobility and migration, discrimination, and labor unions. Public policy issues including minimum wages, welfare programs, and unemployment compensation. Prereq.: ECON 001 or ECON 010; and ECON 002.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

Course Attributes:  
Engaged Citizen, Cat 1 - LPS - Law & Policy, LPS Public Policy Course

### ECON 120 - REGULATION&ANTITRUST POLICY

Economic foundations, history, and recent developments in government policy promoting competition and regulating monopolies. Emphasis on U.S. policy, with occasional comparisons to the European Union and other countries. Prereq.: ECON 002 and MATH 028 or higher.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

Course Attributes:  
Engaged Citizen, LPS Public Policy Course

### ECON 130 - INTERNATIONAL ECONOMICS

The study of international trade theories and policies, factor movements, and monetary relations, including foreign exchange markets, adjustment mechanisms and policies, and the international monetary system.

Prereq.: ECON 001 or ECON 010; ECON 002; and MATH 020 or higher.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

### ECON 131 - CHINA'S ECONOMY

China's economy has grown more rapidly than any other major economy in recent years. This course examines causes and consequences of this growth, including trends, challenges, policy responses and current developments. Similarities and differences between U.S. and Chinese economic institutions will be examined in detail. Prereq.: ECON 010 or ECON 001, and MATH 020.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

Course Attributes:  
Historical Foundations

### ECON 135 - DEVELOPING ECONOMIES

Patterns and prospects for development in the less developed countries of the world. Characteristics of low income countries, the economics of the development process built around alternative theories of economics development. Prereq.: ECON 001 or ECON 010; ECON 002; and MATH 020 or higher.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

Course Attributes:

Global and Cultural Understand, Cat 2 - LPS - Contemp Issues, LPS Comparative Course

ECON 170 - INTRO TO ECONOMETRICS

Statistical analysis of economic relationships using least-square regression and related methods. Estimation, confidence intervals, hypothesis tests, and forecasting with cross-section and time-series data. Applications using computers. Prereq.: ECON 001 or ECON 010; ECON 002; one of STAT 072, STAT 130 or MATH 130, ACTS 135 or ACTS 141; and MATH 028 or higher.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Economics Department

Course Attributes:

Information Literacy

ECON 173 - INTERMEDIATE MICROECON ANALYSIS

Principles of price determination applied to the analysis of consumer demand and business supply; production and costs; comparison of various market structures; income distribution; general equilibrium analysis. Elementary knowledge of calculus assumed. Prereq.: ECON 002 and MATH 028.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Economics Department

ECON 174 - INTERMEDIATE MACROECON ANALYSIS

Consideration of various theoretical approaches to the analysis of aggregate economic behavior, including models of income determination and growth. Elementary knowledge of calculus assumed. Prereq.: ECON 001 or ECON 010; ECON 002; and MATH 028.

3.000 Credit hours

Levels: Non-Drake, Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Economics Department

ECON 190 - SENIOR SEMINAR

Capstone course for the economics major, with three components. Students will (1) access, read, discuss and critique recent academic economic research on a subject of current interest; (2) take a comprehensive exam in



economics; and (3) write an economics research paper on a topic of their choice in consultation with the instructor. May be repeated for credit with instructor permission. Prereq.: ECON 173, ECON 174, and ECON 170 (each may be taken concurrently).

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

#### ECON 198 - SELECTED TOPICS

Selected topics in economics. Course is either a one-time offering or has not yet been added formally to the curriculum. Prereq.: (ECON 001 or ECON 010) or ECON 002, or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Economics Department

#### ECON 199 - INDEPENDENT STUDY

Independent study of topics selected according to the student's interest and needs. Consent of the chair of the department required. Also applicable for cooperative education projects. Prereq.: ECON 001 or ECON 010 or ECON 002.

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Economics Department

#### ECON 280 - BUS, GOVT & THE GLOBAL ECONOMY

The ability to analyze the current domestic and global economic environment is an integral part of any organization's decision making process. This course is designed to provide students with the ability to interpret and analyze current economic data and apply the data to make strategic decisions for their organization. Students will develop an understanding of the ability and limitations of economic indicators to describe the underlying macroeconomic relationships and the impact of those relationships on the strategic management of business and not-for-profit organizations. Students will also develop an understanding of the interaction of both market and non-market forces that impact the economy including the role of government and the rationale for government policy targeting economic performance. Prereq.: MBA 242 or consent of instructor, graduate standing and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration. Recommended MBA/MFM 253.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Economics Department

#### ECON 298 - MICRO ECON MANAGERS

Microeconomics for business decisions. Measurement of cost and demand. Determination of input levels, output levels, and prices to maximize profit. Operation of markets and effects of government intervention.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Economics Department

#### ECON V-- - Economics with validation

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### EDCR 201 - EFFECTIVE TEACHING I

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDCR 202 - CULTURAL PROFICIENCY I

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDCR 203 - EFFECTIVE TEACHING II

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDCR 204 - CULTURAL PROFICIENCY II

Based on the specific social context of learning in diverse settings, such as Des Moines Public Schools, participants will determine the best ways to navigate difference in their classrooms. Students in this course will evaluate the particularities of classroom practices, the building policies, and systems in which they serve in order to advocate for change to support diversity and inclusion, creating specific recommendations to adapt or create these policies and practices.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDCR 205 - CRITICAL ISSUES IN TEACH LEADERSHIP

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDCR 206 - CAPSTONE

2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Community Engaged Learning

#### EDCR 210 - RESEARCH & ACADEMIC WRITING

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDCR 211 - COMMUNITY ENGAGEMENT & SERVICE LEARNING

EDCR 211 provides an operational definition of service-learning and community engagement. Students will explore issues that impact diverse settings, including Des Moines Public Schools' community, and create and evaluate a unit plan, using multiple research-based resources to support their work. Students will reflect on previous, current, and future service-learning experiences.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDCR 212 - INTEGRATING URBAN ARTS

Students will examine their current classroom practice and connect urban art forms that could be used to enhance instruction and assessment. Students will also explore their personal placement within the social constructs of race, socio-economic status, gender, and other social identities that limit and privilege mental, emotional, and physical expression. Students will experience the reciprocity between urban art forms which can serve as the foundation of classroom culture.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDCR 230 - INDEPENDENT STUDY

1.000 TO 4.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Education: Teaching & Learning Department

#### EDCR 299 - SPECIAL TOPICS

1.000 TO 4.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDL 199 - SELECTED TOPICS

Special courses, workshops, seminars and education experiences on selected timely topics.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education Administration Department

### EDL 200 - EDUCATION LEADERSHIP

The purpose of this course is to explore contemporary views and theoretical assumptions that are important for effective leadership practice in PK - 12 schools. Students examine issues that shape perspectives about the fundamental purposes of our nation's elementary and secondary schools and analyze the influence leadership and dispositions have on the success of teaching and learning in a school setting.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education Administration Department

### EDL 205 - SCHOOL BASED INQUIRY

This course is designed to develop some of the specific skills students need to be an effective school administrator. In this era of high-stakes accountability, school administrators must have a strong working knowledge of data available to them and how to interpret these data. They are also expected by their communities to make data-based decisions, implement and measure the effectiveness of their school reforms, and present information about their schools' performance to various groups, including parents, teachers, and school boards. Most of the course will be practical in nature, using real world examples of data whenever possible. Hands-on activities will be a primary focus with the emphasis placed on being able to understand types of data already available to schools in Iowa, and interpreting those data in multiple ways.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education Administration Department

### EDL 208 - MANAGING CURRICULUM & LEARNING

The purpose of this course is to examine and increase her/ his understanding of curriculum practices and principles as well as roles of school principals in shaping opportunities of successful education practices for all adults, children, and youth in the education setting. This course will build upon students' personal theories developed as experienced educators so they may compare the value and validity of personal theory with formal curriculum, professional development and adult learning theories in order to develop facilitative leadership skills.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education Administration Department

### EDL 210 - LEADING & MANAGING SCHOOLS

The purpose of this course is to examine the important administrative issues that are having a profound impact on the role and management responsibilities of a building leader, in particular the school principal. Issues of building level operational procedures related to school organization, personnel, staffing, budgets, facilities, and family support systems are considered.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

### EDL 215 - LEADERSHIP FOR SPECIAL NEEDS

Full Title: Education Leadership for the Special Needs of All Children and Youth. The purpose of this course is to understand contemporary issues surrounding the special needs of all children and youth and to determine what educational leaders need to know as they strive to help themselves, teachers, staff, and the broader community serve the needs of all students in the regular education classroom and within the broader educational environment.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

### EDL 220 - SUPERVISION OF INSTRUCTION

The purpose of this course is to understand the role of supervision for improvement of instruction. Adult and professional development are key course components as students plan and implement supervisory techniques aimed toward analyzing classroom instruction and applying supervisory techniques.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

### EDL 225 - PERSONNEL ADMIN & CONTRACT

Full Title: Personnel Administration and Contract Negotiations. Personnel administration including public sector negotiations and contract management. Recruitment, selection and training of employees, motivation, morale, welfare and benefits, record keeping and the legal aspects are considered. The processes of negotiation, contract language issues and simulation experiences for both certified and classified employee groups will be covered.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

#### EDL 230 - INDEPENDENT STUDY

See Department Chair for specific requirements.

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

#### EDL 239 - POLITICAL ACTION IN EDUCATION

Educators operate in a complex web of political relationships within schools, between education institutions and in their communities, and across levels of government. This course is designed to aid education leaders to become effective actors within this web of political relationships. It draws its intellectual base from research and theory in political science and public policy with application through case study and student projects.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

#### EDL 240 - EDUCATION LAW

The purpose of this course is to help prospective school leaders gain a general understanding of legal issues that building personnel must manage on a continual basis. Knowledge of common law and contractual requirements and procedures in an educational setting (e.g., tort liability, contract administration, formal hearings), legal issues surrounding special populations of students who experience limited school success at the building level, and the development of appropriate relationships with parents, district-level personnel, local school boards, and school attorneys in applying legal procedures fairly, wisely, and considerately are considered.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

#### EDL 242 - SCHOOL FIN & FACILITIES MGMT

Full Title: School Finance and Facilities Management School finance functions, including development of budgets, purchasing, accounting, insurance, transportation and current problems in handling the business

office. Building design, construction, maintenance, life-cycle costing, and finance will be covered.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

#### EDL 245 - LEADERSHIP IN ORGANIZATIONS

The demand for effective leadership in education organizations is great. The purpose of this course is to explore several major theories of organizations and the implication organizational theory has for diagnosis and action. It will focus on those in leadership positions and the problems, dilemmas, and opportunities they face in educational, public, and human service organizations.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

#### EDL 250 - COMMUNITY-SCHOOL RELATIONS

In recent years there has been an increased emphasis on the importance of community involvement with PK-12 schools. As a result, school leaders are expected to work closely with families and communities they serve in supporting the school goals for successful learning for all students. The course is designed to help students gain an understanding of how and why political, social, and economic contexts impact today's early childhood, elementary, and secondary school programs, and to identify situations and leadership opportunities which successfully promote family involvement, parental education, and enhanced relationships between community's and their schools.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

#### EDL 263 - PK-12 FIELD EXPERIENCE FIELD EXPERIENCE

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### EDL 270 - PERSONAL PROF ASSESSMENT SEMIN



This initial course in the cohort will provide candidates with a working knowledge of the Iowa Standards for School Administrators and their relationship to leadership for learning. Students will also begin to develop an awareness of what effective leaders do to improve learning in their organizations. Multiple assessment measures (e.g. social style, learning style, emotional intelligence, etc.) will be utilized to assist learners in developing a vision and a plan for completing the program. This information will be utilized in generating Individual Learning Plans (ILP's) and the initial thinking and planning for students' developmental portfolios. The ILP and portfolio will serve as anchors for student development throughout the program. A review of the total program (courses, seminars, differentiation between field and clinical experiences, assessment, policies and procedures, and use of required technology) will also be included in the seminar.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### EDL 271 - LEADERSHIP & THE PROFESSION

The concepts of leadership in general and school leadership in particular will be examined in their historical and contemporary contexts. Candidates will briefly examine the history of school leadership. Legal and policy applications in education leadership roles will also be studied. The course focus will be on contemporary views of leadership with emphasis on role expectations for school leaders for today and tomorrow.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### EDL 272 - ORGANIZATIONAL SYSTEM BEHAVIOR

An introduction to contemporary systems theory and its applications to educational practice. Emphasis is placed on the role of the school principal in building and sustaining a learning community.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### EDL 273 - INSTRUCTION & LEARNING

A review and analysis of principle theories and models of human development, human learning and the design of instruction. Emphasis is placed upon the role of the school principal as the instructional leader.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Education: Leadership & Couns Department

#### EDL 274 - SCHOOL & COMMU IN DIVERSE SOCI

Developing an understanding of the complex, interrelated nature of school and community. Study of the changing nature of community(history, demographics, expectations).Strategies to improve and sustain the community for the benefit of all children and their families.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Education: Leadership & Couns Department

#### EDL 275 - PLAN/RESEARCH MEASURMENT EVALU

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDL 276 - APPLIC OF SCHL LAW MAND & POL

Applications of School Law, Mandates and Policies is a course that provides students with a basic understanding of how school laws, mandates and policies impact school administrators as they perform their responsibilities. Practical application of the academic content will be a central focus of instruction and student participation in the class.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### EDL 277 - CURRENT ISSUES IN SPED ADMIN

EDL 277 Current Issues in Special Education Administration. This course addresses a core responsibility of school leadership: leading for the benefit of all learners, including students with disabilities and other special needs. This course focuses on leadership for ensuring that the needs of students are the first priority in curriculum, instruction, assessment and school organization. Also emphasized will be the ethical, legal and professional dimensions of a school culture that promotes and values diversity.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### EDL 278 - SUPERVISION OF INSTRUCTION

Supervision of Instruction is to provide candidates the opportunity to gain knowledge and skills necessary for effective supervision of teachers. Supervision will be studied within the context of accountability in the educational system. Completion of this course will provide three modules for Evaluator Approval with the Iowa Board of Educational Examiners (the 4th module, DDL, will be included in the instruction of EDL 275: Research, Measurement & Evaluation).

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### EDL 279 - MANAGING SCHOOLS

This course will provide an overview of the management tasks for which school administrators are responsible. Grounding questions for the course will be: "How do management tasks and functions contribute to student learning?", and "How do leaders for learning manage differently from traditional managers?".

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### EDL 280 - CLINICAL EXPERIENCE I

The first of two clinical experience requirements is designed to integrate candidates' learning from course work, the standards, and field-based learning. Candidates will work in educational and other approved settings with trained mentors.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:  
Community Engaged Learning

#### EDL 281 - CLINICAL EXPERIENCE II

This course continues the learning from EDL 280, with the primary purpose of providing candidates with authentic experience as part of earning PK-12 administrative licensure.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:  
Community Engaged Learning

### EDL 283 - LEADING COMPLEX ORGANIZATIONS

The purpose of the course is to help students analyze organizations and gain better understanding of personal leadership dispositions. Leading and managing organizations is not easy and attempts to improve organizations without adequate understandings are common. Whether trying to lead, follow or just survive, understanding the inherent complexity of leadership helps reduce surprise, confusion, and at times catastrophe. This course seeks to analyze exemplary leadership and develop knowledge, skills and dispositions needed to make positive differences in a group or organization. Public and private sectors increasingly impact one another, and shared understanding can help strengthen organizations locally, nationally, and internationally.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Education: Leadership & Couns Department

Course Attributes:  
Community Engaged Learning

### EDL 284 - DATA ANALYTICS IN ED RESEARCH

The literature supports the fact that influential instructional leaders utilize data and information for organizational improvement efforts. This Web-assisted course is designed to prepare organizational leaders for utilizing quantitative and qualitative research methods. Application of the actual practices of education research: basic statistical concepts, quantitative methods, and qualitative methods.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### EDL 285 - ETHICS AND SOCIAL JUSTICE

The goal of a socially just environment is full and equal participation of all members of the society. An ethical school leader oversees the distribution of resources to ensure that all members are physically, emotionally, psychologically safe and secure and that educational needs are met. This course is designed to increase school leaders' understanding of how their assumptions about diversity and equity shape educational policies and

practices. It provides a platform for students to examine and reflect on their understanding of leadership for social justice, and challenges them to design socially just environments necessary to ensure educational equity and excellence.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Division Undeclared Division

Education: Leadership & Couns Department

### EDL 286 - SYSTEMS THINKING

Effective leaders carry out their roles from systems perspectives; viewing organizations as complex and dynamic in nature, with all the people and functions connected as a whole. This course is designed to provide students with a broad understanding of systems thinking: its foundations, key contributors to the body of knowledge, and applications for personal and professional leadership.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### EDL 287 - CURRICULUM AND EVALUATION

The role of Superintendent as Instructional Leader is crucial to the success of the school, and research findings indicate that superintendents of effective districts exhibit high levels of involvement in instructional matters. This course provides an overview of issues dealing with program design, development and evaluation that enhance teaching and learning in a multicultural society. Students in this course will be able to apply theories and knowledge of practices used in contemporary educational settings and effectively communicate to the public how district resources are being used to achieve instructional and curricular objectives.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### EDL 288 - HUMAN RESOURCE DYNAMICS

The purpose of this course is to provide students with a practical overview of human resource management from a school and district perspective. It is designed to study the theoretical as well as practical application of school personnel management from the beginning of a public school employee's career up through the end of the career. Basic background is presented on the selection, assignment, evaluation and development of school personnel, and attention is also given to collective bargaining and the grievance process.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### EDL 289 - ORGANIZATION MANAGEMENT

Research findings and business literature speak to the importance of management functions and skills in organizational leadership. The role of managerial leader is, therefore, an important consideration for individuals who aspire to become organizational leaders. There are moral and ethical responsibilities to manage in ways that support all students and adults in the organization. This course helps to prepare students for managing a myriad of responsibilities that support learning. A significant portion of the course is devoted to practical, hand-on applications that may be implemented upon assuming a new superintendent or AEA administrative position.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### EDL 290 - SCHOOL FINANCE

Organizational leaders are responsible for resource management as part of their managerial role. This course is designed to enable students to assume the duties and ethical responsibilities of financial and resource management in educational organizations. Current requirements, issues, trends and forces in school finance and their impact on organizations will be the focus of the course.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### EDL 291 - POLICY, INFLUENCE & LEGAL ISSU

SUCCESSFUL SUPERINTENDENTS AND AEA ADMINISTRATORS MUST EXHIBIT SKILLS, KNOWLEDGE, AND SENSITIVITY ASSOCIATED WITH POLITICS. THESE ARE VITAL IN COLLABORATING WITH BOARDS OF EDUCATION AND THE WIDER COMMUNITY. THIS COURSE IS DESIGNED TO EXPLORE THE CONCEPTS OF LEADERSHIP AS THEY APPLY TO THE LEGAL FOUNDATION ASSOCIATED WITH SCHOOLS. THIS COURSE WILL FOCUS ON THE LEGAL CONSIDERATIONS NECESSARY FOR THE SUCCESSFUL LEADER TO KNOW AND EXHIBIT WHILE LEADING A SCHOOL DISTRICT.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### EDL 292 - SPECIALIST SEMINAR

This course encompasses the total program experience, from student orientation to mid-program review, and finally the culminating student presentation of learning.

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### EDL 293 - FIELD EXP:IOWA STANDARDS ASSMT

Iowa Standards Assessment Field Experience is required for all students seeking principal certification. The purpose of this field experience is to complete and finalize the professional portfolio with examples of work from leadership assessment, career development field experience, and coursework as related to each of the Iowa Standards.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

#### EDL 295 - ADVANCED SPECIAL TOPICS

This course involves extensive work by the student with a cooperating faculty member. A pre-arranged plan of the project or work must be completed and reviewed and approved by the student's advisor. This work may involve extensive on-going research/writing by the student with a faculty member on a research project or in a topic inquiry area. This work might involve an integrated essay, a multi-media project, an action/applied research project, and/or an ethnographic reflection.

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

#### EDL 298 - SELECTED TOPICS

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Administration Department

#### EDUC 0-- - EDUC LOWER LEVEL ELECTIVE

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education Department

#### EDUC 001 - INTRODUCTION TO EDUCATION

Interpersonal relations and in-school experiences designed to enable students to increase their effective communication of contemporary education, and evaluate their roles in education. For first year and sophomore students only.

0.000 OR 1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 002 - FOUNDATIONS OF HEALTH & PHYS ED

This course is a study of the meaning, scope and historical foundation of contemporary health and physical education as well as the philosophy, goals, and objectives of quality health and physical education programming. Content components explore the issues and challenges confronting professionals as they prepare for the future of health and physical education in contemporary society as well as the knowledge, skills, and dispositions needed to administer health and physical education programs.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

#### EDUC 083 - SPECIAL METHODS IN ART

Designed to acquaint prospective teachers with art education practices and theories in teaching the visual arts. With the focus on teaching art to pre-K through grade 6, coursework includes examining developmental levels artistically in children, designing an art program and individual art lessons, viewing and discussing works of art as well as a variety of hands-on art making projects.

3.000 Credit hours

Levels: Graduate, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 1-- - EDUC UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed



Education Department

### EDUC 103 - FOUNDATIONS IN EDUCATION

This course is part of the Pre-Professional block in the School of Education. Content components include history of education, structure of American education, educational philosophies, legal and ethical issues in teaching, basic learning theory, lesson planning, and use of technology applications. In addition, 40 hours (10 week period) of in-school teaching experience in Des Moines-area schools are required. Students generally complete the admission process to teacher education.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED), Values and Ethics

### EDUC 104 - EDUCATION PRACTICUM

Consent of Instructor.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:  
LiveText (ED)

### EDUC 108 - STUDENT DEVELOPMENT & LRNG THEORY

Student Development & Learning Theory is a required course in the pre-professional block of the pre-service teacher education program. The course is focused on human growth and development and learning theory, with special attention paid to motivation, classroom management, human behavior, and mental health, and their implications for curriculum and classroom teaching. This course will enable students to demonstrate beginning pre-professional competencies for the interstate New Teacher Assessment and Support Consortium (INTASC) Standards in the areas of learner development (#1), learning environments (#3), and instructional strategies (#8). NOTE: Undergraduate students majoring in Secondary Education and Music Education are required to complete a 20-hour practicum in this course.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

### EDUC 109 - EDUCATIONAL TECHNOLOGY

Educational Technology, explores the systematic integration of instructional technologies within K-12 curriculum. Instructional design and development processes, media characteristics, and their applications to teaching and learning will be discussed. Relevant educational research will be reviewed and discussed both in class and through threaded discussions using a web-based forum. Hands-on experience in operating and using appropriate technologies are provided through the laboratory component of this course. Students will gain experience and competencies in the following areas: Basic computer/technology operations and concepts for Technology Literacy Personal and professional use of technology for teaching and learning Visual Literacy for understanding and change Problem-based learning for critical thinking There is no prerequisite for this course, but the focus is technology as applied in educational settings.

3.000 Credit hours

Levels: Non Degree Coursework, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Information Literacy, LiveText (ED)

### EDUC 110 - PRACTICUM OF GIFTED EDUCATION

Introduction to the Internet and the World Wide Web, practices of computer-mediated education, and processes of active, student-centered learning. Prereq.: Basic computer literacy, word processing skills.

1.000 Credit hours

Levels: Non-Drake, Undergraduate  
Schedule Types: Web Instructed

Education: Teaching & Learning Department

### EDUC 111 - EDUCATION PLANNING & ASSESSMT

Educational Planning and Assessment is a required course in the pre-professional block of the pre-service teacher education program and contains major components of a professional educator's knowledge base. The primary foci of the course are the application of content and its associated academic language within the teaching/learning context, assessment, and lesson planning, with special attention to the needs of English language learners (ELLs). This course will enable students to demonstrate beginning competencies for the interstate Teacher Assessment and Support Consortium (InTASC) Standards in the areas of application of content (#5), assessment (#6), and lesson planning (#7).

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

### EDUC 112 - CHALLENGE YOUNG GIFTED CHILD

This course is designed to acquaint prospective teachers with methods that integrate the arts through the elementary curriculum. Prospective teachers will become knowledgeable of a variety of art forms, visual and expressive, and will learn how to integrate them into classroom instruction for authentic and meaningful learning experiences.

1.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 113 - ART INTEGRATION IN EDUCATION

This course is designed to acquaint prospective teachers with methods that integrate the arts in meaningful and authentic learning experiences. Participants will experience a variety of art forms, explore ways to nurture the arts climate in the classroom, experience a model of artful learning, and plan integrated experiences.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Artistic Experience

### EDUC 120 - ESL STRATEGIES

This course will empower teachers to employ a vast array of strategies targeting the instructional and assessment needs of English learners at all five levels of English language proficiency. Special attention will be given to strategies for meaningful, culturally-relevant grammar, content, and literacy instruction. NOTE: Students are required to complete a 10-hour practicum during this course.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Engaged Citizen, LiveText (ED)

### EDUC 122 - CURRICULUM AND PEDAGOGY

Study of basic principles and skills for effective planning, instruction and classroom management in the elementary school. Prereq.: Acceptance to the Teacher Education Program (15 hour practicum.)

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

### EDUC 123 - PE & HEALTH IN ELEMEN SCHLS

Methods and materials for teaching elementary school physical education and health. Prereq.: Acceptance to the Teacher Education Program.

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED), Accepted to Teacher Education

### EDUC 124 - LITERATURE OF CHILDH & YOUTH

Designed to acquaint students with the world of children's and young adult literature and to explore the many roles it plays in the elementary and middle school classroom. Prereq.: Acceptance to the Teacher Education Program.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED), Accepted to Teacher Education

### EDUC 125 - TEACHING OF SCIENCE

This course is part of the Professional block in the School of Education. It focuses on proven National Science Education standards and methods for the effective teaching of science in the elementary grades.

"Constructivist" learning theories are examined and applied through peer lesson planning and teaching. Drake students also develop science lessons and teach them to elementary students in Des Moines-area schools.

Following reflection and enhancement, the lessons are then converted to Web-based portfolios and shared with the teaching profession. Prereq.: Acceptance to the Teacher Education Program.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

### EDUC 126 - TEACHING OF MATHEMATICS

Methods and materials for teaching elementary school mathematics. Prereq.: Acceptance to the Teacher Education Program. NOTE: Students are required to complete a 10-hour practicum during this course.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

### EDUC 127 - WRITIN INSTRUC INTERM/SEC 5-12

This course focuses on teaching writing in intermediate and secondary education classrooms (grades 5-12), including facilitation of learning to write and writing to learn. Students will explore how having a shared vision of good writing, using a common vocabulary, and utilizing predictable assessment tools can provide a framework for successful writing instruction. Students will also gain practical ideas to empower students to write for understanding as they learn in all content areas.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 128 - TEACHING OF SOCIAL STUDIES

Strategies, methods, and materials for effective social studies instruction in the elementary school. Prereq.: Acceptance to the Teacher Education Program.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

### EDUC 129 - LINGUISTICS FOR EDUCATORS

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 130 - DIRECTED INDEPENDENT STUDY

Individual problems, conferences, outside reading, research, and written reports.

1.000 TO 10.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

Course Attributes:

LiveText (ED)

### EDUC 131 - EARLY ADOLES GROWTH & DEVELOPM

This course is designed for teachers looking to enhance their understanding of middle level learners (grades 5-8). In addition to exploring the remarkable physical and cognitive changes that early adolescents experience at this time, students will explore best practices for supporting the healthy academic and psychological development of middle school students.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 132 - METHODS TEACH SEC SCHOOL

Methods of Teaching Secondary School is designed for pre-service teachers who plan on teaching in middle or high school. Course components include: a review of educational philosophy and psychological learning theory, curriculum design and instruction, an introduction to classroom management, and other topics associated with teaching and learning at the secondary level. Successful completion of this course, including the 40-hour practicum field experience, is required for continuation in the Drake University Teacher Education Program.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

#### EDUC 134 - TEACHING IN THE MIDDLE SCHOOL

This course is designed to help teachers apply their knowledge of early adolescent learners when planning and implementing instruction in the middle school setting. Special attention will be given to concept-based unit design, project-based instruction, and performance-based assessment.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 135 - MIDDLE SCHOOL PRACTICUM

1.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### EDUC 137 - TEACH READING IN ELEM CLASSRM

This course will focus on the reading process and instruction for students in elementary classrooms. Topics covered include the five essential components of reading, effective literacy instructional methods, and assessment. NOTE: A ten hour practicum placement is required.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

## EDUC 138 - SPECIAL METH SOC STUDIES-SEC

2.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED)

## EDUC 139 - TEACH COMM ARTS IN ELEM CLASSR

Teaching of Communicative Language Arts in the Elementary Classroom. This course explores the teaching of the communicative language arts in the elementary classroom including listening, speaking, writing and visual literacy. Special focus is given to the writing process, writing development and writing instruction. NOTE: Students are required to complete a 10-hour practicum during this course.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

## EDUC 140 - SPEECH & THE CLASSROOM TEACHER

This course will offer educators at all levels an overview of speech communication skills that specifically address areas vital to effective teaching and learning - clear and confident presentation skills, large group and small group discussion techniques, conflict resolution strategies, and the creative aspects of using text through oral interpretation. Particular attention will be paid to the power of the voice and the ability of education to help students find and use all aspects of their voices in a positive, proactive manner.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education Department

Course Attributes:

Engaged Citizen

## EDUC 141 - SPECIAL METH LANG ARTS-SECONDA

3.000 Credit hours



Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED), Accepted to Teacher Education

#### EDUC 142 - TEACHING DISCIPLINARY LIT

The focus of this course will be the integration of reading comprehension strategies and interdisciplinary curriculum into content areas. Through a workshop design, participants will be studying, discussing and sharing teaching and learning strategies with the class. Students will be expected to actively engage in their own learning as they develop a repertoire of strategies to use with secondary students. In addition, activities and assessments will require participants to act as reflective practitioners.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED), Accepted to Teacher Education

#### EDUC 143 - LANGUAGE AND CULTURE

This course facilitates the exploration of three critical questions: 1. In what ways to language and culture influence one's identify? 2. How does culture influence communication? 3. How can an understanding of issues of culture inform communication on both personal and professional levels? In addressing these questions, the course will introduce students to the field of intercultural communication and take them through a journey of greater understanding of self and the "cultural other". In terms of culture, the course will focus on facilitating a shift beyond the view of culture as a collection of holidays, exotic foods, and interesting costumes. Rather, it will allow students to gain a more in-depth understanding of the components of culture, both in general and in specific, and to examine the powerful role that culture plays in all facets of life, with a focus on (future) professional settings. Similarly, the nature and role of different types of language (e.g., languages, dialects, accents, expressions, words) will be examined in order to understand their influence on identify and communication. The inextricable relationship between language and culture will be illuminated throughout the course.

3.000 Credit hours

Levels: Non Degree Coursework, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 144 - ESL METHODS

ESL Teaching Methods ESL Methods is a required course for the ESL endorsement at Drake University. The course addresses topics essential to the knowledge base of expert ESL teachers. These include factors that impact ELLs' learning; content-based language teaching and assessment, differentiated according to student English language proficiency level; and advocacy on behalf of ELLs. NOTE: Students are required to complete a 10-hour practicum during this course.

3.000 Credit hours

Levels: Non Degree Coursework, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED)

### EDUC 145 - INTRO TEACH ENG LANG LEARNERS

In the context of the nation's increasingly diverse K-12 classrooms, all teachers must know how to effectively teach language and content to English language learners (ELLs) in order to facilitate equal access to core curriculum. In this introductory class, specific areas of study include factors that influence second language learning, second language acquisition, the structure of language, programming for ELLs, classroom and large-scale assessment, instructional strategies (focused on sheltered instruction), and the use of technology in language teaching. A variety of materials, activities, and resources will be used to facilitate learning of key concepts in each of these areas.

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 146 - METHODS OF TEACHING WORLD LANG

Theory, research, methodology, techniques, materials of foreign language and second language learning and teaching.

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

### EDUC 147 - WORLD LANGUAGE PRACTICUM 7-12

This course is a 1 hour credit experience that will consist of 30 hours in a 7 - 12 classroom documented by a mentor teacher. The pre- student teaching, field-based experience is required by the state, and as such must take place in an accredited school with a certified teacher. Because this experience will be undertaken at the end of the Sophomore year or beginning of the Junior year, the student should be ready to help support the language learning of 7 - 12 students as a teacher aide and as one who will lead activities and discussions. Placement will be made by the School of Education through its Student Placement Office. Students will not contact teachers individually to try to arrange their own placements. Communication with the Student Placement Office will be

facilitated by the advisor for World Languages.

1.000 Credit hours  
1.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### EDUC 149 - ISSUES & ASSMT OF ENG LANG LRN

Issues and Assessment of English Language Learning is a required course for the ESL endorsement at Drake University. The course will address topics essential to the knowledge base of expert ESL teachers, including issues related to the federal and/or state mandates and the Common Core State Standards (CCCS), classroom-based/large-scale/collaborative assessment of ELLs, collaboration and co-teaching strategies, talented and gifted identification for ELLs, and special education identification for ELLs. Prereq: EDUC 111 & EDUC 145.

3.000 Credit hours  
3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 150 - SECONDARY READING METHODS

This course will focus on literacy experiences for students in grades six through twelve. In this class, students will have an opportunity to learn about effective teaching techniques, the role of motivation and choice in adolescent literacy, the importance of explicit instruction in vocabulary and comprehension, and assessment of literacy.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### EDUC 151 - LITERATURE FOR ADOLESCENTS

This course is designed to acquaint students with the world of adolescent literature and to explore the roles it plays in the middle school and high school classroom.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 152 - CURRICULUM FOR EARLY CHILDHOOD

This course describes the theoretic and philosophic foundations of early childhood curricula and examines methods and models which lead to the development and design of curricula appropriate for young children.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education Department

#### EDUC 153 - TCHG METHDS FOR EARLY CHILDHHD

This course presents teaching strategies, materials, and methodology for designing developmentally appropriate programs for children from birth through age eight. Prereq.: Acceptance to the Teacher Education Program.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education Department

#### EDUC 154 - METHODS SECONDARY PE/HEALTH

This course is a study of the methods in secondary physical education and health education. Content components explore the application of various instructional models and strategies in the fields of physical education and health education, in the context of secondary education. Emphasis is placed on developing an understanding of various teaching methods, methods of practice (e.g. whole-part-whole, progressive practice etc.) and principles which depend largely on the information, skill or students being taught. This course will cover all areas teachers will need for planning, implementing, instructing, and assessing when teaching with instructional models. The course content will be taught in line with the National standards established by the American Alliance for Health, Physical Education, Recreation and Dance (AAHPERD) and the Iowa CORE Health Literacy Standards.

3.000 Credit hours

Levels: Non-Drake, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education Department

### EDUC 155 - LANGUAGE AND LITERACY

Provides an in-depth examination of language acquisition, both oral and written, among young children and its link to literacy development. Involves a case study.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 159 - STUDENT TEACH/EARLY CHILDHOOD

Supervised experiences in early childhood education settings. Prereq.: Acceptance to the Student Teaching Program.

5.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED)

### EDUC 160 - ADVANCED TECHNOLOGY

Systematic integration of media and instructional technology with teaching and learning. Hands-on experience in operating and using a variety of applications, including multimedia utilization and production, video, Internet/World Wide Web, and Electronic portfolio. Prereq.: Acceptance to the Teacher Education Program.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education Department

Course Attributes:

Information Literacy

### EDUC 162 - URBAN ED IMMIGRATION

This course explores the complexities of how immigration impacts urban education. According to Rong & Brown (2002, one in ten U.S. children was born outside of the United States, and one in five live in a household headed by an immigrant. Approximately 1,000 immigrant children enter schools each day. While immigration is not reserved for urban contexts, the Current Population Report (Lollock, 2001), found that almost half of the foreign born lived in a central part of a city in metropolitan areas (45%), compared with slightly more than one quarter of the native population (27.5%) For many immigrant children and families, schools are the first American institution they must negotiate. In this course, we will review research that

centers immigrant children - in hopes of learning from them how they experience schools. We will discuss challenges that students face including dislocation, cultural disorientation, language learning, and racism. In addition, we will analyze the issue of immigration in the larger context of globalization. Finally, we will explore opportunities for educating immigrant children in urban contexts - with the possibility of schools as sites for humanization and social transformation.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 163 - URBAN EDUCATION

These courses will provide a cursory introduction to issues in urban education for beginning teachers. They will examine how first year and student teaching experiences may be unique in urban settings. These courses seek to challenge beginning educators to examine commonly held stereotypes about teaching in urban settings and how they may affect an educator's ability to be successful.

1.000 TO 3.000 Credit hours  
1.000 TO 3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### EDUC 164 - PERSP RACE,ETHN,GNDR

An historical, social, and cultural analysis of the interrelationships among racial, ethnic, class, and gender experiences in conjunction with an examination of the individual, institutional, and social constructs of prejudice, discrimination, and stereotyping. The course will, through its comparative approach, aim to increase understanding of race, ethnic, and gender identity, and sensitize students to the subjective experience of marginalized groups. Case studies will augment the course content for the direct application of course content to the development of instruction programs. There will be an emphasis on African Americans, Latinos, Native Americans, Asian Americans, gender, sexual orientation, class structure, and people with disabilities. A 10-hour service-learning component at a social service organization is required. The course meets the human relations standards for teachers as outlined by the Iowa Department of Education.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Global and Cultural Understand, LiveText (ED)

### EDUC 165 - INSTRUCN & MGMT IN ELEM GRADES

Elementary school curriculum development and organization, instructional planning, and classroom management. To be taken concurrently with EDUC 166. Prereq.: Acceptance to Student Teaching Program.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### EDUC 166 - STUDENT TEACH ELEMENTARY

Supervised teaching experience for students in teacher education programs. To be taken concurrently with EDUC 165. Prereq.: Acceptance to Student Teaching Program.

5.000 TO 11.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED)

#### EDUC 167 - INSTRUCTN & MGMT SECNDRY GRDS

Secondary school curriculum development and organization, instructional planning, and classroom management. To be concurrently with EDUC 168. Prereq.: Acceptance to Student Teaching Program.

1.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### EDUC 168 - STUDENT TEACH SECONDARY

Supervised teaching experience for students in teacher education programs. To be taken concurrently with EDUC 167. Prereq.: Acceptance to the Student Teaching Program.

2.000 TO 11.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED)

### EDUC 169 - EPORTFOLIO FOR STUDENT TEACH

1.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

### EDUC 170 - READING IN CONTENT AREA

This course explores how teachers can assist students to most productively work with content area reading materials and encourage positive attitudes toward reading, writing, speaking, listening and critical thinking in the content areas.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 171 - ISSUES IN ADOLESCENT LITERACY

Secondary reading teachers face different challenges in literacy development than their elementary counterparts - issues of student motivation and engagement, high-interest materials, gender and ethnic biases, inclusion, and making meaningful connections to adolescent lives. Through a theoretical grounding in adolescent physical, social, emotional, and cognitive development, students will discover and discuss the policies and strategies that impact the literacy development of secondary readers. The selection of materials, the planning of rich literacy lessons, enhancing motivation, and creating an inclusive environment will be aligned with the unique needs of a variety of adolescent learners. In addition, students will prepare and plan specific teaching and learning strategies to counter variables that cause a decrease in adolescent literacy performance and engagement.

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 172 - CARE & PRVTN OF ATHLETC INJRY



Proper use of personal and field equipment, support methods, training and conditioning, the medical examination and therapeutic aids, laboratory experience.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

EDUC 173 - THEORY OF COACHING

Prereq: Bio 1 and 2; or BIO 18 and EDUC 105 or 106. Prerequisites can not be taken concurrently.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

EDUC 175 - LITERACY ASSESSMNT/INSTRCTN

This course provides opportunities for an in-depth understanding of disabled readers. Students will explore how to develop, implement, and evaluate the instructional strategies used in teaching reading to a child. It involves an extensive tutoring component with struggling readers of elementary age. Students will be assigned to specific children brought to our class each evening for the semester. In addition, readings, demonstrations, and discussions of appropriate and effective instruction with opportunities for reflective evaluation will also be provided. Prereq: EDUC 137 or EDUC 139

0.000 OR 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Education: Teaching & Learning Department

EDUC 177 - URBAN TRENDS IN LITERACY EDUC

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

EDUC 178 - LITERACY ASSESSMNT/INSTRCTN II

This course provides opportunities for an in-depth understanding of disabled readers. Students will explore how to develop, implement, and evaluate the instructional strategies used in teaching reading to a child. It involves an extensive tutoring component with struggling readers of elementary age. Students will be assigned

to specific children brought to our class each evening of the semester. In addition, readings, demonstrations, and discussion of appropriate and effective instruction with opportunities for reflective evaluation will also be provided. Prereq: EDUC 175

0.000 OR 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

### EDUC 180 - ELECTRONIC TOOLBX FOR EDUCATRS

This course explores the electronic world of multimedia and hypermedia, emphasizing technology skill building, the integration of technology into teaching, methods of electronic communication, and generation of original materials for classroom use. Students develop a multimedia product for teaching presentations and a hypermedia 3-level World Wide Web site that has professional utility.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education Department

### EDUC 182 - TEACHG & LRNG W/ HYPERMEDIA

This course reexamines teaching paradigms including technology-assisted and technology-based learning and teaching. Utilizing distance learning as a teaching and learning tool and creating and maintaining Web materials are also covered.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education Department

### EDUC 183 - SOCIAL CONTEXT/URBAN SCHOOLS

This course provides students with an introduction to urban education. We engage the philosophical, social, economic, and political contexts of urban schooling. We begin by examining the utility and demarcation of space (e.g., urban, suburban, rural, etc.). We then explore historical and contemporary understandings of the notion of "urban, focusing on how "urban" has been constructed and evolves over time. We focus on the impact on schools and communities, in particular, urban educational reform and pedagogical strategies. In addition, we engage the intersections of urban education with questions of political economy, immigration, militarization, and racism. Finally, we discuss how students experience urban schools - the challenges they may face in urban contexts as well as practices of hope and humanization.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 184 - APPL FOR TEACH IN URBAN SCHLS

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 185 - ETHICAL TENSIONS IN GLOB URBAN

Course is designed to address complex issues concerning pedagogical implications of urban settings across international boundaries. It seeks to challenge educators to provide a global perspective to educational environments that facilitates learning for all students regardless of socio-economic status, race, ethnicity, or any other identifying category. This course examines connections between issues of ethics, social justice, and pedagogical approaches both theoretical and practical that have particular relevancy to urban areas across international boundaries.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education Department

Course Attributes:

Engaged Citizen

#### EDUC 186 - YOUTH, CULTURE & SOCIETY

This course provides students with an introduction to the study of youth, culture, and society, focusing on urban contexts. This course will examine youth and adolescence as a historically and culturally specific social formation. We will engage and discuss the construction of youth at the intersection of larger social forces (e.g. racial, cultural, social, economic, gender, and political contexts) that impact and shape their lives. Using multiple ideological and representational understandings of young people that situate youth and youth cultural practices within global and local processes. Specific topics include the commodification and commercialization of youth culture in both urban and suburban spaces; popular culture and media representations, incarceration, consumerism, sexuality, and social movements; and the multiple ways in which youth negotiate, resist, and disrupt their identities.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

EDUC 189 - GLOB CITZ: CULT IBERIAN PENIN

The main goals of this interdisciplinary course are to (a) expose students to the complexity of culture, with a special focus on the challenges and opportunities inherent to intercultural contact, and (b) help students connect the culture of the Iberian Peninsula to its history and current political, economic, and business climate.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

EDUC 190 - ADMIN & SUPEV OF GIFTED PROG

1.000 Credit hours

Levels: Undergraduate

Schedule Types: Web Instructed

Education: Teaching & Learning Department

EDUC 191 - INTRO TO GIFTED EDUCATION

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Web Instructed

Education: Teaching & Learning Department

EDUC 192 - SOCIAL EMOTIONAL NEEDS/GIFTED

2.000 Credit hours

Levels: Undergraduate

Schedule Types: Web Instructed

Education: Teaching & Learning Department

EDUC 193 - CREATIVITY AND GIFTED

2.000 Credit hours

Levels: Undergraduate

Schedule Types: Web Instructed

Education: Teaching & Learning Department

EDUC 194 - SPECIAL POPULATIONS OF GIFTED

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Web Instructed

Education: Teaching & Learning Department

EDUC 195 - CURRICULUM & ASSMT OF GIFTED

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Web Instructed

Education: Teaching & Learning Department

EDUC 196 - DIFFERENTIATED INSTRUC GIFTED

1.000 Credit hours

Levels: Undergraduate  
Schedule Types: Web Instructed

Education: Teaching & Learning Department

EDUC 198 - Educational Equity & Social Ju

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division

Course Attributes:  
Values and Ethics

EDUC 199 - SELECTED TOPICS

Special courses, workshops, seminars and educational trips on selected timely topics.

0.000 TO 5.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Discussion/Recitation, Lab, Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 201 - EDUCATION RESEARCH

Become a critical consumer of educational research. Examine and analyze data for pedagogical improvement. Develop and demonstrate an understanding of ethics and research. Write a literature review/research brief on a topic aligned with your Teacher Inquiry Project.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 202 - FOUNDATIONS OF HEALTH & PHYS ED

This course is a study of the meaning, scope and historical foundation of contemporary health and physical education as well as the philosophy, goals, and objectives of quality health and physical education programming. Content components explore the issues and challenges confronting professionals as they prepare for the future of health and physical education in contemporary society as well as the knowledge, skills, and dispositions needed to administer health and physical education programs.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Department

### EDUC 203 - FOUNDATIONS OF EDUCATION

This course is part of the Pre-Professional block in the School of Education. Content components include history of education, structure of American education, educational philosophies, legal and ethical issues in teaching, basic learning theory, lesson planning, and use of technology applications. In addition, 40 hours (10 week period) of in-school teaching experience in Des Moines area schools are required. Students generally complete the admissions process to teacher education.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED)

### EDUC 204 - EDUCATION PRACTICUM

Consent of Instructor.

1.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### EDUC 206 - HUMAN DEVELOPMENT

Principles of human growth and development and their implications for curriculum classroom teaching: understanding human behavior and developing wholesome personality and mental health.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education Department

#### EDUC 207 - LEARNING & ASSESSMNT

This course examines research, theory and practice relevant to learning, teaching and assessment. Students acquire knowledge of theories of learning and how those interface in classrooms. Students also create products relevant to instruction and assessment.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education Department

#### EDUC 208 - STUDENT DEVELP & LRNG THEORY

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### EDUC 209 - TCH ADULT RDG SKILLS

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Department

#### EDUC 210 - PRACTICUM IN GIFTED EDUCATION

Practicum in Gifted Education

1.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 211 - EDUCATION PLANNING & ASSESSMT

Assessment of Learning is a required course in the pre- professional sequence of the graduate pre-service teacher education program for individuals who have taken an educational psychology course at another institution. It contains major components of a professional educator's knowledge base. This course will provide students with opportunities to learn about student diversity, instructional planning, and classroom and large-scale assessment. During the course, students will engage in a variety of activities that will enable them to demonstrate and apply their learning. This course will also enable students to demonstrate beginning pre-professional competencies for the Interstate New Teacher Assessment and Support Consortium (INTASC) Standards in the areas of instructional planning (#7) and assessment (#8).

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

All Sections for this Course

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED)

#### EDUC 212 - CHALLENGE YOUNG GIFTED CHILD

teachers with methods that will become knowledgeable of a variety

1.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 213 - ART INTEGRATION IN EDUCATION



This course is designed to acquaint prospective teachers with methods that integrate the arts in meaningful and authentic learning experiences. Participants will experience a variety of art forms, explore ways to nurture the arts climate in the classroom, experience a model of artful learning, and plan integrated experiences.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 216 - METHODS&MODELS OF TEACH EFFECT

Investigate various models of instruction. Identify and use assessment tools as an integral part of teaching methods. Select the topic for your Teacher Inquiry Project and consider instructional models that support the topic.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 217 - ASSESSMENT FOR LEARNING

Use a variety of formative assessments for learning. Collect data for your Teacher Inquiry Project embedding the concept of "Assessment for Learning" in the project

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 219 - TEACH LEADSP & LRNG COMMUNIT

Determine the impact of your Teacher Inquiry Project on educational change, student achievement, and personal and professional development. Based on your area of inquiry, reflect, develop and share a model for continuous school improvement as a teacher leader.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 222 - CURRICULUM/PEDAGOGY

Study of basic principles and skills for effective planning, instruction and classroom management in the elementary school.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

### EDUC 223 - PE & HEALTH IN ELEM

Methods and materials for teaching elementary school physical education and health.

2.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED), Accepted to Teacher Education

### EDUC 224 - LITERATURE OF CHILD/YOUTH

Designed to acquaint students with the world of children's and young adult literature and to explore the many roles it plays in the elementary and middle school classroom. Prereq.: EDUC 203 and acceptance to the Teacher Education Program.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED), Accepted to Teacher Education

### EDUC 225 - TEACHING SCIENCE

This course is part of the Professional block in the School of Education. It focuses on proven National Science Education Standards and methods for the effective teaching of science in the elementary grades.

"Constructivist" learning theories are examined and applied through peer lesson planning and teaching. Drake students also develop science lessons and teach them to elementary students in Des Moines area schools. Following reflection and enhancement, the lessons are then converted to web-based portfolios and shared with the teaching profession. Prereq.: EDUC 203 and acceptance to the Teacher Education Program.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

### EDUC 226 - TEACHING OF MATHEMATICS

Study of research in the teaching of mathematics. Survey and evaluation of programs and new methods of teaching. Prereq.: EDUC 203 and acceptance to the Teacher Education Program. NOTE: Students are required to complete a 10-hour practicum during this course.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

### EDUC 227 - WRITIN INSTRUC INTERM/SEC 5-12

This course focuses on teaching writing in intermediate and secondary education classrooms (grades 5-12), including facilitation of learning to write and writing to learn. Students will explore how having a shared vision of good writing, using a common vocabulary, and utilizing predictable assessment tools can provide a framework for successful writing instruction. Students will also gain practical ideas to empower students to write for understanding as they learn in all content areas.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 228 - TEACHING SOCIAL STUDY

Strategies, methods, and materials for effective social studies instruction in the elementary school. Prereq.: EDUC 203 and acceptance to the Teacher Education Program.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Off-campus catalog credit, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

### EDUC 229 - LINGUISTICS FOR EDUCATORS

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 230 - INDEPENDENT STUDY

See general academic requirements section.

1.000 TO 5.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Course Attributes:

LiveText (ED)

### EDUC 231 - EARLY ADOLES GROWTH & DEVELOPM

This course is designed for teachers looking to enhance their understanding of middle level learners (grades 5-8). In addition to exploring the remarkable physical and cognitive changes that early adolescents experience at this time, students will explore best practices for supporting the healthy academic and psychological development of middle school students.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 232 - METHODS TEACH SEC SCHOOL

Methods of Teaching Secondary School is designed for pre-service teachers who plan on teaching in middle or high school. Course components include: a review of educational philosophy and psychological learning theory, curriculum design and instruction, an introduction to classroom management, and other topics associated with teaching and learning at the secondary level. Successful completion of this course, including the 40-hour practicum field experience, is required for continuation in the Drake University Teacher Education Program.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

#### EDUC 234 - TEACHING IN THE MIDDLE SCHOOL

This course is designed to help teachers apply their knowledge of early adolescent learners when planning and implementing instruction in the middle school setting. Special attention will be given to concept-based unit design, project-based instruction, and performance-based assessment.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 235 - MIDDLE SCHOOL PRACTICUM

1.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### EDUC 237 - TEACH READING IN ELEM CLASSRM

This course will focus on the reading process and reading instruction for students in elementary classrooms. Topics covered include the five essential components of reading, effective literacy instructional methods and assessment. NOTE: A ten hour practicum placement is required.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

#### EDUC 238 - SPECIAL METH SOC STUDIES-SEC

2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED)

#### EDUC 239 - TEACH COMM ARTS IN ELEM CLASSR

Teaching Communicative Language Arts in the Elementary Classroom. This course explores the teaching of the communicative language arts in the elementary classroom including listening, speaking, writing and visual literacy. Special focus is given to the writing process, writing development and writing instruction. NOTE: Students are required to complete a 10-hour practicum during this course.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED), Accepted to Teacher Education

#### EDUC 240 - SPEECH & CLASSROOM

This course offers educators at all levels an overview of speech communication skills that specifically address areas vital to effective teaching and learning-clear and confident presentation skills, listening skills, large group and small group discussion techniques, conflict resolution strategies, and the creative aspects of using text through oral interpretation. Particular attention will be paid to the power of voice and ability of education to help students find and use all aspects of their voices in a positive, proactive manner.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Department

#### EDUC 241 - SPECIAL METHODS LANG ARTS SEC

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED), Accepted to Teacher Education

### EDUC 242 - TEACHING DISCIPLINARY LIT

The focus of this course will be the integration of reading comprehension strategies and interdisciplinary curriculum into content areas. Through a workshop design, participants will be studying, discussing and sharing teaching and learning strategies with the class. Students will be expected to actively engage in their own learning as they develop a repertoire of strategies to use with secondary students. In addition, activities and assessments will require participants to act as reflective practitioners.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED), Accepted to Teacher Education

### EDUC 243 - LANGUAGE AND CULTURE

This course facilitates the exploration of three critical questions: 1. In what ways to language and culture influence one's identify? 2. How does culture influence communication? 3. How can an understanding of issues of culture inform communication on both personal and professional levels? In addressing these questions, the course will introduce students to the field of intercultural communication and take them through a journey of greater understanding of self and the "cultural other". In terms of culture, the course will focus on facilitating a shift beyond the view of culture as a collection of holidays, exotic foods, and interesting costumes. Rather, it will allow students to gain a more in-depth understanding of all facets of life, with a focus on (future) professional settings. Similarly, the nature and role of different types of language (e.g., languages, dialects, accents, expressions, words) will be examined in order to understand their influence on identify and communication. The inextricable relationship between language and culture will be illuminated throughout the course.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 244 - ESL METHODS

ESL Methods is a required course for the ESL endorsement at Drake University. The course addresses topics essential to the knowledge base of expert ESL teachers. These include the various aspects of working as an ESL teacher, factors that impact ELLs' learning; content based language teaching and assessment, differentiated according to student English language proficiency level, and advocacy on behalf of ELLs. NOTE: Students are required to complete a 10-hour practicum during this course.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED)

#### EDUC 245 - INTRO TEACH ENG LANG LEARNERS

In the context of the nation's increasingly diverse K-12 classrooms, all teachers must know how to effectively teach language and content to English language learners (ELLs) in order to facilitate equal access to core curriculum. In this introductory class, specific areas of study include factors that influence second language learning, second language acquisition, the structure of language, programming for ELLs, classroom and large-scale assessment, instructional strategies (focused on sheltered instruction), and the use of technology in language teaching. A variety of materials, activities, and resources will be used to facilitate learning of key concepts in each of these areas.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 246 - METHODS OF TEACHING WORLD LANG

Theory, research, methodology, techniques, materials of foreign language and second language learning and teaching

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 247 - WORLD LANGUAGE PRACTICUM 7-12

This course is a 1 hour credit experience that will consist of 30 hours in a 7 - 12 classroom documented by a mentor teacher. The pre student teaching, field-based experience is required by the state, and as such must take place in an accredited school with a certified teacher, Placement will be made by the School of Education through its Student Placement Office. Students will not contact teachers individually to try to arrange their own placements. Communication with the Student Placement Office will be facilitated by the advisor for World Languages.

1.000 Credit hours

1.000 Lecture hours



Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### EDUC 249 - ISSUES & ASSMT OF ENG LANG LRN

Issues and Assessment of English Language Learning is a required course for the ESL endorsement at Drake University. The course will address topics essential to the knowledge base of expert ESL teachers, including issues related to the federal and/or state mandates and the Common Core State Standards (CCCS), classroom-based/large-scale/collaborative assessment of ELLs, collaboration and co-teaching strategies, talented and gifted identification for ELLs, and special education identification for ELLs. Prereq: EDUC 211 & EDUC 245.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 250 - SECONDARY READING METHODS

This course will focus on literacy experiences for students in grades six through twelve. In this class, students will have an opportunity to learn about effective teaching techniques, the role of motivation and choice in adolescent literacy, the importance of explicit instruction in vocabulary and comprehension, and assessment of literacy.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### EDUC 251 - LITERATURE FOR ADOLESCENTS

This course is designed to acquaint students with the world of adolescent literature and to explore the roles it plays in the middle school and high school classroom.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 252 - CURR FOR EARLY CHILD

This course describes the theoretic and philosophic foundations of early childhood curricula and examines program methods and pedagogy which lead to the development and design of curricula appropriate for young children, birth through age eight. Prereq.: Acceptance to the Teacher Education Program.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 253 - METHODS EARLY CHILD

This course presents teaching strategies, materials, and methodology for designing developmentally appropriate programs for children from birth through age eight. Preq.: Acceptance to the Teacher Education Program.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Department

### EDUC 254 - METHODS OF SECOND HEALTH & PE

This course is a study of the methods in secondary physical education and health education. Content components explore the application of various instructional models and strategies in the fields of physical education and health education, in the context of secondary education. Emphasis is placed on developing an understanding of various teaching methods, methods of practice (e.g. whole-part-whole, progressive practice etc.) and principles which depend largely on the information, skill or students being taught. This course will cover all areas teachers will need for planning, implementing, instructing, and assessing when teaching with instructional models. The course content will be taught in line with the National standards established by the American Alliance for Health, Physical Education, Recreation and Dance (AAHPERD) and the Iowa CORE Health Literacy Standards.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Department

### EDUC 255 - LANGUAGE AND LITERACY

This course provides an in-depth examination of the oral and written language acquisition among young children with implications for literacy practices. The course involves a case study.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 259 - STUDENT TEACH/EARLY CHILDHOOD

Supervised experiences in early childhood education settings. Prereq.: Acceptance to the Teacher Education Program.

3.000 TO 5.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED)

#### EDUC 260 - SCHOL IMPROVE&PROFES DEV/LIT

The purpose of this course is to prepare literacy professionals to work with their schools utilizing the Iowa Model of Professional Development and School Improvement. Specific documents and resources from the Iowa Department of Education will be explored and shared. Students will learn elements of effective school improvement and professional development in literacy.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 261 - TECH INTEGRATION IN CLASSROOM

Technology Integration in the Classroom explores the use of instructional technology within K-12 education, including research on effective use of technology in the teaching and learning process, and location and evaluation of grade-and content-specific resources. Hands-on experience in multimedia technology is provided through the laboratory component of the course. Students will gain experience with (1) personal and professional use of technology, (2) production of multimedia and online materials, and (3) recognition of the role of technology in student learning and future success.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

### EDUC 262 - URBAN ED IMMIGRATION

This course explores the complexities of how immigration impacts urban education. According to Rong & Brown (2002), one in ten U.S. children was born outside of the United States, and one in five live in a household headed by an immigrant. Approximately 1,000 immigrant children enter schools each day. While immigration is not reserved for urban contexts, the Current Population Report (Lollock, 2001), found that almost half of the foreign born lived in a central part of a city in metropolitan areas (45%), compared with slightly more than one quarter of the native population (27.5%). For many immigrant children and families, schools are the first American institution they must negotiate. In this course, we will review research that centers immigrant children - in hopes of learning from them how they experience schools. We will discuss challenges that students face including dislocation, cultural disorientation, language learning, and racism. In addition, we will analyze the issue of immigration in the larger context of globalization. Finally, we will explore opportunities for educating immigrant children in urban contexts - with the possibility of schools as sites for humanization and social transformation.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 264 - PERSP RACE.ETHN,GNDR

An historical, social, and cultural analysis of the interrelationships among racial, ethnic, class, and gender experiences, in conjunction with an examination of the individual, institutional and social constructs of prejudice discrimination, and stereotyping. The course will, through its comparative approach, aim to increase understanding of race, ethnic, and gender identity, and sensitize students to the subjective experience of marginalized groups. Case studies will augment the course content for direct application to the development of instructional programs. There will be an emphasis on African Americans, Latinos, Native Americans, Asian Americans, gender, sexual orientation, class structure, and the disabled. A 10-hour service-learning component in a social service organization is required. This course meets the diversity standards for teachers as outlined by the Iowa Department of Education.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

### EDUC 265 - INSTR/MGMT IN ELEMEN

Elementary school curriculum development and organization, instructional planning, and classroom management. To be taken concurrently with EDUC 266.

1.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Course Attributes:

LiveText (ED)

EDUC 266 - STUDENT TEACH ELEM

Supervised teaching experience for students in graduate programs. To be taken concurrently with EDUC 265.

2.000 TO 8.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED)

EDUC 267 - INSTR & MGMT SEC

Secondary school curriculum development and organization, instructional planning, and classroom management. To be taken concurrently with EDUC 268. (Prereq: Admission to Student Teaching).

1.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:

LiveText (ED)

EDUC 268 - STUDENT TEACH SECOND

Supervised teaching experience for students in teacher education programs. To be taken concurrently with EDUC 267. Prereq: Acceptance to the Teacher Education Program.

2.000 TO 8.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED)

### EDUC 269 - EPORTFOLIO FOR STUDENT TEACH

1.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

### EDUC 270 - READ CONTENT AREA

Designed to explore how teachers can assist students to most productively work with content area reading materials and encourage positive attitudes toward reading, writing, speaking, listening and critical thinking in the content area.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Lecture, Off-campus catalog credit, Web Instructed

Education: Teaching & Learning Department

### EDUC 271 - ISSUES IN ADOLESCENT LITERACY

Secondary reading teachers face different challenges in literacy development than their elementary counterparts - issues of student motivation and engagement, high-interest materials, gender and ethnic biases, inclusion, and making meaningful connections to adolescent lives. Through a theoretical grounding in adolescent physical, social, emotional, and cognitive development, students will discover and discuss the policies and strategies that impact the literacy development of secondary readers. The selection of materials, the planning of rich literacy lessons, enhancing motivation, and creating an inclusive environment will be aligned with the unique needs of a variety of adolescent learners. In addition, students will prepare and plan specific teaching and learning strategies to counter variables that cause a decrease in adolescent literacy performance and engagement.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 272 - ISSUES/RES ERLY CHLD

Secondary reading teachers face different challenges in literacy development than their elementary counterparts - issues of student motivation and engagement, high-interest materials, gender and ethnic biases, inclusion, and making meaningful connections to adolescent lives. Through a theoretical grounding in

adolescent physical, social, emotional, and cognitive development, students will discover and discuss the policies and strategies that impact the literacy development of secondary readers. The selection of materials, the planning of rich literacy lessons, enhancing motivation, and creating an inclusive environment will be aligned with the unique needs of a variety of adolescent learners. In addition, students will prepare and plan specific teaching and learning strategies to counter variables that cause a decrease in adolescent literacy performance and engagement.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Department

#### EDUC 275 - LIT ASSESS & INSTRUCT I

This course provides opportunities for an in-depth understanding of disabled readers. Students will explore how to develop, implement, and evaluate the instructional strategies used in teaching reading to a child. It involves an extensive tutoring component with struggling readers of elementary age. Students will be assigned to specific children brought to our class each evening for the semester. In addition, readings, demonstrations, and discussions of appropriate and effective instruction with opportunities for reflective evaluation will also be provided. Prereq: EDUC 237 or EDUC 239

0.000 OR 3.000 Credit hours

Levels: Graduate

Schedule Types: Lab, Lecture, Web Instructed

All Sections for this Course

Education: Teaching & Learning Department

#### EDUC 276 - CURRICULM DESIGN/DEVELOPMENT

Study of the basic principles necessary for developing, implementing or modifying program curricula in any educational setting.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 277 - URBAN TRENDS IN LITERACY EDUC

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education Department

### EDUC 278 - LIT ASSESS & INSTRUCT II

This course provides opportunities for an in-depth understanding of disabled readers. Students will explore how to develop, implement, and evaluate the instructional strategies used in teaching reading to a child. It involves an extensive tutoring component with struggling readers of elementary age. Students will be assigned to specific children brought to our class each evening for the semester. In addition, readings, demonstrations, and discussions of appropriate and effective instruction with opportunities for reflective evaluation will also be provided. Prereq: EDUC 275

0.000 OR 3.000 Credit hours

Levels: Graduate

Schedule Types: Lab, Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED)

### EDUC 280 - CASE STUDIES IN LITERACY EDUC

This is the final course in the Master's of Literacy in Education Degree program. The course will focus on the design, implementation, analysis and sharing of an action-research project. Students will be guided in the study design, implementation and critical analysis of data collected in an educational setting. Students will be expected to reflect on the process with specific attention to urban setting and literacy instruction.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 281 - WRITING RESEARCH & THEORY

This course will explore the major theories related to writing instruction and education. Students will examine current research in the field of writing education and examine how writing develops over the K-12 grade spans. Additionally, theories related to the instruction of writing education will be discussed. Specific focus will be on effective instruction in learning to write and writing to learn.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 282 - IMPACT OF POVERTY ON STUDENTS

This course will examine the effects of poverty on students, teachers, schools, and communities. Through this study, students will learn how poverty affects the brain and what teachers can do in their classrooms to lessen the impact. Participants will examine characteristics of 90-90-90 schools and create research-based action



plans to increase the odds for success in their classrooms.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 283 - SOCIAL CONTEXT/URBAN SCHOOLS

This course provides students with an introduction to urban education. We engage the philosophical, social economic, and political contexts of urban schooling. We begin by examining the utility and demarcation of space (e.g., urban, suburban, rural, etc.). We then explore historical and contemporary understandings of the notion of "urban," focusing on how "urban" has been constructed and evolves over time. We focus on the impact on schools and communities, in particular, urban educational reform and pedagogical strategies. In addition, we engage the intersections of urban education with questions of political economy, immigration, militarization, and racism. Finally, we discuss how students experience urban schools - the challenges they may face in urban contexts as well as practices of hope and humanization.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

### EDUC 284 - APPL FOR TEACH IN URBAN SCHLS

Practicum in Urban Education

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 285 - MODELS OF EFFECTIVE LIT INSTRU

This course will examine current instructional models as they relate to literacy. Teachers will leave this course knowing when to use various models based on their intent and application for teaching. Knowledge of skills, strategies, models, and teaching purpose will be clarified.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 286 - YOUTH, CULTURE AND SOCIETY

This course provides students with an introduction to the study of youth, culture, and society, focusing on urban contexts. This course will examine youth and adolescence as a historically and culturally specific social formation. We will engage and discuss the construction of youth at the intersection of larger social forces (e.g. racial, cultural, social, economic, gender, and political contexts) that impact and shape their lives. Using multiple texts, writing assignments, and reflective practices, students will examine and interrogate ideological and representational understandings of young people that situate youth and youth cultural practices within global and local processes. Specific topics include the commodification and commercialization of youth culture in both urban and suburban spaces; popular culture and media representations, incarceration, consumerism, sexuality, and social movements; and the multiple ways in which youth negotiate, resist, and disrupt their identities.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 287 - READING RESEARCH & THEORY

This course is designed as a seminar class in which graduate students and the instructor collaboratively explore, discuss, and reflect on current research related to reading. Full participation is critical. This seminar includes a heavy reading load, and while the instructor will offer support and guidance through the content, it is essential that participants are able to invest time in reading assignments and reflective participation.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 288 - LEAD&COACH DATA TEAM ANALYSIS

Students will work directly with a small group of struggling readers from local schools for 45 minutes a week. These sessions will focus on use of effective reading instructional strategies that promote active, strategic and motivated readers. Students enrolled in this course will be responsible for designing weekly lessons that address identified areas of need. A progress report will be completed for each child at midterm and at the end of the semester.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EDUC 289 - MANG SCL-WIDE CHG THRU COACH

This course will focus on the role of a coach in managing and leading school-wide change. Through video demonstrations, real-life scenarios, and a study of related research, participants will gain a deep understanding of how to successfully communicate with and coach fellow educators. After gaining an understanding of the attributes of a successful coach, participants will have an opportunity to lead colleagues in change in order to apply this knowledge.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 290 - ADMIN & SUPERV OF G/T PROGRAMS

This course is designed to develop an understanding of policy, advocacy, and professional responsibilities related to gifted education. The student will examine administration from the point of view of a sole practitioner or as a member of a staff of gifted educators. Relevant research related to goals, philosophy and evaluation as a program administrator will be discussed. Students will learn about funding, budgets, and relevant legislation in their State. Staff development and program evaluation will be examined to further the development of a school program.

1.000 Credit hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Web Instructed

Education: Teaching & Learning Department

#### EDUC 291 - INTRO TO GIFTED EDUCATION

This comprehensive introduction to gifted education combines both theory and practice. In addition to developing an understanding of the history of gifted education and the characteristics, identification, special programs, and related law, participants will learn about instructional models, programming options, assessments, and evaluation. Practical components such as resources, beginning a program, and special programs available, as well as parent education will be addressed.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Education: Teaching & Learning Department

#### EDUC 292 - SOCIAL EMOTIONAL NEEDS/GIFTED

This course will explore the social and emotional issues facing gifted and talented individuals. Based on current research, affective strategies will be shared to create a supportive environment at home and school for addressing self-esteem, motivation, feelings of alienation, perfectionism, depression, stress, and over-excitabilities.

2.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Education: Teaching & Learning Department

#### EDUC 293 - CREATIVITY AND GIFTED

This course is designed to be an overview of creativity to include definitions and theories of creativity, characteristics of the creative person, techniques of creative thinking, metaphorical thinking, creative dramatics, models of the creative process, tests of creativity, and developing personal creativeness.

2.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Education: Teaching & Learning Department

#### EDUC 294 - SPECIAL POPULATIONS OF GIFTED

This one unit class will survey the needs and accomplishments of special populations of gifted learners. Special populations will include culturally diverse students: African American, ethnic minority and other underserved populations. Twice-exceptional gifted learners will include the learning disabled, gay, rural and gifted dropouts. One segment of the class will discuss the special needs and accomplishments of gifted female learners. The class will first address the characteristics of these groups, explore strategies for identifying these students and then discuss alternative means of meeting their needs in the cognitive and affective domains.

1.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 295 - CURRICULUM & ASSMT OF GIFTED

This course provides an understanding of developing, selecting, and implementing appropriately challenging curriculum for the gifted including examining the scope and sequence in a K-12 setting program. Curriculum design areas including units and interdisciplinary areas will be explored. Programming options such as acceleration, differentiation, and grouping will be covered. The role of assessing student learning and best practices to implement curriculum will be addressed.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### EDUC 296 - DIFFERENTIATED INSTRUC/GIFTED

1.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Education: Teaching & Learning Department

EDUC 299 - SPECIAL TOPICS

1.000 TO 4.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED)

EDUC O-- - EDUCATION LOWER LEVEL ELECTIVE

1.000 TO 6.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

ELIT 270 - READING IN THE CONTENT AREA

Designed to explore how teachers can assist students to most productively work with content area reading materials and encourage positive attitudes toward reading, writing, speaking, listening and critical thinking in the content area.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Course Attributes:

Drake Online Grad/Prof Program

ELIT 280 - SUPERVIS & ADMIN READING PGMS

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Drake Online Grad/Prof Program

#### ELIT 281 - WRITING RESEARCH & THEORY

This course will explore the major theories related to writing instruction and education. Students will examine current research in the field of writing education and examine how writing develops over the K-12 grade spans. Additionally, theories related to the instruction of writing education will be discussed. Specific focus will be on effective instruction in learning to write and writing to learn.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Teaching & Learning Department

Course Attributes:  
Drake Online Grad/Prof Program

#### ELIT 285 - MODELS OF EFFECT LIT INSTRUCT

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Education Department

#### ELIT 287 - READING RESEARCH & THEORY

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Teaching & Learning Department

#### ELIT 288 - LEAD&COACH DATA TEAM ANALYSIS

Students will work directly with a small group of struggling readers from local schools for 45 minutes a week. These sessions will focus on use of effective reading instructional strategies that promote active, strategic and motivated readers. Students enrolled in this course will be responsible for designing weekly lessons that address identified areas of need. A progress report will be completed for each child at midterm and at the end of the semester.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### EMSE 205 - EFFECTIVE TEACHING

Participants will reflect upon their current teaching practices while engaging in readings, discussions, and activities through the lens of a research-based framework. Topics include: aligning materials, instruction, technology and assessment to best fit learning targets and student goals; evaluating teacher behaviors/moves; and how to teach students about their own learning. Also, social emotional learning, assessment, verbal and non-verbal teacher moves, teacher reflection, and technology. Participants will engage in a video reflection from their own classroom and modify a current unit of study based upon new learnings.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

### EMSE 207 - BEST PRCT IN CONTENT AREAS

Current research-based instructional strategies and techniques will be investigated including math, science, reading, writing, and social studies. Participants will explore current research and how that research can be applied in classrooms. Students can be expected to reflect and synthesize their own practice in relation to new learning.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Web Instructed

### EMSE 209 - BAL ASSESSMENT FOR LEARNING

This course will explore best practices in student assessment for learning. Providing educators with strong models and purposeful dialog around the creation, use, and communication of authentic and effective assessment practices. Teachers will be empowered to develop assessment practices that fit into an instructional framework in an authentic way that improves student growth alongside informing their instruction. Putting students at the center of the coursework, teachers will have opportunities to improve and design assessments that promote student- engagement and ownership of learning. Practical application of current and research-based assessment theories will enhance assessment for learning practices in any subject area or grade level for a deeper and more fulfilling experience for teachers and students.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

### EMSE 211 - ACADEMIC RESEARCH AND WRITING

This course is intended to prepare education professionals in writing academic discourse for publication and presentation through rhetorical analyses of academic journal articles and familiarization with research foundations. The course is designed to assist students in becoming critical consumer of research and reflective, evidence-based decision-makers. As educators, it is important to learn and apply research skills and foster a

greater understanding of current practices, and contribute to the potential of conducting research and evaluation. Further, being able to communicate findings, research syntheses, and conceptual arguments with other professionals is crucial to not only understanding the current body of literature but also how to contribute to the literature. The foci in this course will be on article analysis, writing of selected short pieces, and creating a research synthesis on a topic of interest.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

### EMSE 213 - CULTURALLY RESPONSIVE TEACHING

This course examines the Cultural Proficiency Framework and philosophies that support it. Students will reflect on their social identities and experience that have affected their perceptions of education and practices in the classroom. The reciprocal relationship between historic, economic, social, and political contexts that inform the practices and policies in schools from the ideologies of our communities will be evaluated.

2.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

### EMSE 215 - MEETING NEEDS OF ALL STUDENTS

This is a course designed to explore the literature and current practices in differentiating instruction within classrooms for ELL, TAG, and Special Education (both BD/ID) students. The primary objective of this class is for students to advance their professional knowledge, skills, and practice for effective teaching through differentiated instruction. Working with students dealing with mental health issues will also be addressed. Educators will enhance their ability to successfully deliver instruction and evaluate outcomes for all students.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

### ENG 0-- - ENG LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

English Department

### ENG 001 - SEMINAR IN READING & WRITING

A course in writing and reading as interdependent activities stimulating intellectual inquiry and growth. Emphasis on intensive critical engagement with texts through writing will encourage students to interact with ideas in the texts to develop their own interpretations, and to become aware of how language use in different discourses shapes and constrains meaning. Activities include frequent writing and class discussion of papers.



Offered only when crosslisted with First-Year Seminar.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

English Department

Course Attributes:

Written Communication

### ENG 020 - LITERATURE & CULTURE

This course provides an introduction to literature as a significant form of culture. Students read a broad range of writers and types of writing from a variety of historical periods to investigate how literature shapes, and is shaped by, the culture of which it is a part and to become familiar with different literary practices and cultural definitions of literature.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:

Global and Cultural Understand

### ENG 030 - GENRES

An examination of the history, criticism, theory and status of a single genre, such as the essay, epic, romance, short story, sitcom, and so on. May be repeated once for credit when the topic varies. Intended especially for first- and second-year students.

0.000 TO 3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

English Department

Course Attributes:

Critical Thinking

### ENG 038 - LITERARY STUDY

This course introduces students to the theories and processes of literary study--that is, to the problems, questions and issues that constitute literary study as a critical activity and as a profession. Students examine

such areas of inquiry as literature's definition, function, and value; the authority of authors, readers, critics and texts; the "nature" of texts; and the problem of situating both the text and the reader in history, society and culture. Required for English and Writing majors and minors, this course is open to all students with a serious interest in literary study. Frequent writing and revision.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

English Department

Course Attributes:  
Critical Thinking, Written Communication

### ENG 039 - WRITING SEMINAR

This is a topics-oriented course, concerned with theoretical issues that confront writers and the practical ways in which those issues are addressed. The course is designed to help students become more fully aware of what assumptions govern their own and others' writings, of how writing works cognitively to contribute to intellectual growth, of ways of reading writing culturally and rhetorically. Required for all English and Writing majors, this course is open to all students with a serious interest in writing. Frequent writing and revision.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Critical Thinking, Written Communication

### ENG 040 - TOPICS IN LITERARY HISTORY

This course will introduce students to a question or set of questions germane to the study of language and literature produced before 1900.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Historical Foundations

#### ENG 041 - INTRO TO FILM STUDY

Critical approaches to film study, emphasizing the development of film as both an art form and cultural practice, and based on analysis of at least a dozen film texts. Viewing lab required. Fee of \$20 to cover the cost of film rentals and video purchases.

0.000 OR 3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

Course Attributes:  
Artistic Experience

#### ENG 041L - INTRO TO FILM STUDY LAB

0.000 Credit hours  
0.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

English Department

#### ENG 042 - APPROACH TO AM LIT PRE 1900

Students will read poetry, prose, and/or drama composed before 1900, becoming familiar with a variety of approaches to interpreting how such texts represent the cultures of the Americas. Frequent writing and revision.

4.000 Credit hours  
4.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

#### ENG 044 - APPROACH TO BRIT LIT PRE 1900

Students will read British poetry, prose, and/or plays composed prior to 1900, becoming familiar with a variety of approaches to interpreting how such texts represent British and/or colonial culture and identity. Frequent writing and revision.

4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 054 - READING DRAMA

Students in this course gain experience reading a variety of dramatic texts and writing about their reading by engaging in questions related to form, genre, performance, history and culture. Typically the course focuses on a dramatic kind, like comedy or tragedy, or on an issue (representing women) or character type.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

### ENG 056 - THE CLASSIC THEN & NOW

"What is a Classic?" By reading selected "classic" texts against the critical commentary on them from two (or more) historical periods and/or cultures, students in this course consider whether the "classic" owes its status to universal literary appeal or to transient critical taste. Frequent writing and revision.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 058 - READING SHAKESPEARE

What do we need to know in order to read a 400-year-old writer? Does it matter that that writer never expected to be read? How did his contemporaries see him? How have others at other times read and seen him? How do we read/see him? And what exactly are we "reading" when we read "Shakespeare"? By examining a limited number of plays with specified contexts, students confront some of the conventions of reading/seeing Shakespearean playtexts and gain acquaintance with various mechanisms (curricula, performance history, literary criticism, popular culture) that operate to shape "Shakespeare." Frequent writing and revision.

0.000 TO 4.000 Credit hours  
4.000 Lecture hours  
0.000 TO 4.000 Lab hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

#### ENG 060 - TOPICS IN CULTURE & IDENTITY

This course will introduce students to a particular question or set of questions concerning the construction, representation, depiction, and/or interpretation of cultural, ethnic, national, racial, or other forms of identity.

3.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

#### ENG 061 - APPROACH TO AM LIT AFTER 1900

Students will read poetry, prose, and/or drama composed after 1900, becoming familiar with a variety of approaches to interpreting how such texts represent the cultures of the Americas. Frequent writing and revision.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

#### ENG 062 - APPROACH TO BRIT LIT POST 1900

Students will read poetry, prose, and/or drama composed after 1900, becoming familiar with a variety of approaches to interpreting how such texts represent the cultures of the British Isles and colonies. Frequent writing and revision.

4.000 TO 9.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 065 - INTRO AFRICAN AMERICAN LIT

This course introduces students to issues in African American studies. It is a multidisciplinary course in which key statements by African Americans--including scholarly and artistic statements--are studied very closely. The goal is not only to acquaint students with a chronology of texts and their authors, but also to view African American literature both independently and in the context of cultural, intellectual and political histories of people of color in the United States.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Global and Cultural Understand, International & Multicultural

### ENG 066 - READING RACE & ETHNICITY

This course explores literature from the perspective of the cultural work it performs with regard to constructing or challenging racial and ethnic identities, including racialized national, communal and individual identities. The course varies but may examine particular literary traditions (e.g., African American Literature) or particular critical issues (e.g., challenges to the Eurocentric canon).

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Women's and Gender Studies

### ENG 067 - ASIAN-AMERICAN LITERATURE

A brief introduction to 20th century literature by and about North Americans of Asian descent. This course aims to provide students with an historical foundation, a literary survey, and an appreciation of some of the contemporary issues related to race, class, and gender identity among Chinese Americans, Japanese Americans, Korean Americans, Filipino Americans, and Asian Indians. Includes fiction, poetry, criticism, autobiography/memoir, nonfiction essay, and film. May be used as part of Women's and Gender Studies Concentration.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
International & Multicultural, Women's Studies Course

### ENG 068 - READING POPULAR CULTURE

This course examines the form, content, conventions, and innovations in various kinds of popular culture (such as genre fiction, music, television, film, comics, video games and other new media.). With an eye toward challenging distinctions of "high" and "low" culture, students will theorize the production and reception of these texts within their political and historical context, examining the cultural work popular texts do.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 075 - INTRO TO WOMEN'S STUDIES

This course is designed to familiarize students with women's experiences, as well as with the ways in which society shapes notions of gender. The course also provides ways to identify and analyze how a society's notions of gender shape the ways in which a society sees and organizes itself. Class members examine the construction of women's societal roles and their personal experiences, discussing points of congruence and dissonance. As an interdisciplinary course, reading and discussion material are drawn from fields such as religion, sociology, psychology, political science and literature, among others, so students can examine the view, status and contributions of women. Class sessions consist of a mixture of lectures, guest speakers, films and discussion. Crosslisted with WGS 001.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

English Department

Course Attributes:  
Engaged Citizen, Women's and Gender Studies

### ENG 077 - READING GENDER

This course explores literature from the perspective of the cultural work it performs with regard to constructing or challenging gender identities. The course varies but may examine particular literary traditions (e.g., literature by women of color) or particular critical issues (e.g., (de)constructing masculinity in the writings of women).

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
International & Multicultural, Women's Studies Course

### ENG 080 - TOPICS IN WRITING

This course will introduce students to a question or closely related set of questions germane to the study of the processes and production of writing and/or to a particular genre of writing not represented by courses numbered 81-99. Frequent writing and revision.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 081 - INTRO TO ENGLISH LINGUISTICS

An introduction to the systematic study of the English language and of language in general. Words; sounds; grammar and structure; language and culture; world languages and development of English; language and the brain; language growth in the child; variations and dialects; writing systems.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Critical Thinking

### ENG 086 - READING AND WRITING SEXUALITY

This course explores contemporary conceptions of sexual identity with particular emphasis on gay, lesbian, bisexual, and transgender and queer identities. The course examines theories and practices of representing sexuality, including conventions for talking about or censoring talk about sex. Writing assignments are designed to help students think critically and creatively about the complex phenomenon of human sexuality. Frequent writing and revision. May be used as part of Women's Studies concentration.



4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication, Women's Studies Course

#### ENG 087 - READING/WRITING NATURE

An introduction to reading and writing texts about nature and considering ways nature writing connects to perception of the natural world. Texts can include poetry, fiction, creative nonfiction, and other genres. Emphasis is on the student's own production of texts, as well as on traditions and practice of different forms of nature writing. Activities will include frequent writing and discussion of papers. Frequent writing and revision.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

#### ENG 088 - READING & WRITING ABOUT CLASS

This course explores contemporary conceptions of socioeconomic class identity, with particular emphasis on the United States context. The course examines theories and practices of representing class. Writing assignments are designed to help students think critically and creatively about the complex phenomena of class structures and class-based identity categories, and about the effects of these structures and categories on everyday life and self-presentation. We will read and discuss texts from a variety of genres: fiction, non-fiction, and theory. Also, we will trace historical changes in American definitions and perceptions of class. Frequent writing and revision. May be used as part of Women's Studies Concentration.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Women's and Gender Studies, Written Communication, Women's Studies Course

#### ENG 090 - READING/WRITING DRAMA

An introduction to the practice of drama, this course will explore a variety of approaches to both reading and writing plays. Traditions and theories that have helped shape and continue to influence plays and playwriting will be discussed in relation to the student's own work in this genre. Writing assignments include both critical and original scripts. Frequent writing and revision.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

#### ENG 091 - READING AND WRITING POETRY

An introduction to the practice of poetry, this course explores a variety of approaches to both reading and writing poems. Traditions and theories that have helped shape and continue to influence contemporary poetry are discussed in relation to the student's own work in this genre. Frequent writing and revision.

4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

#### ENG 092 - READING/WRITING SHORT STORY

An introduction to reading and writing short fiction. The course explores the traditions, theories and practices that have shaped short stories, with emphasis on the fiction of the later 20th century. Writing assignments include both critical papers and original stories. Frequent writing and revision.

4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

#### ENG 093 - READING/WRITING NON-FICTION

An introduction to reading and writing non-fiction. Different sections may focus on essay writing, life writing, literary journalism, travel writing, scientific writing, and so on. Emphasis is on the student's own production of texts, as well as on traditions and practices of the particular genre. Activities will include frequent writing and discussion of papers. May be repeated once for credit when the topic varies. Frequent writing and revision.

4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 095 - WRITING REPORTS & PROPOSALS

A study of the nature, function and types of reports and proposals, including principles of organizational communication; audience analysis; gathering, assessing and organizing information; rhetoric of layout and design principles; oral presentation of data. Frequent writing and revision.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 1-- - ENG UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 102 - STRUCTURE OF MOD AMER ENGLISH

This course engages students in a synchronic (present-day) analysis of the phonological, morphological and grammatical structure of current American English. Prescriptive practices ("correctness") are considered within a socio-linguistic context. Students are asked to develop a vocabulary to talk about language and style systematically and scientifically, and to produce deep-structure, hierarchical sentence analyses.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Critical Thinking

## ENG 104 - HISTORY OF ENGLISH LANGUAGE

This course focuses on the development of the English language from pre-English through the Old and Middle English periods, to the Early Modern and Modern period. In addition to historical changes and developments in the phonological, morphological, and lexical and grammatical systems of English, students will consider the cultural implications of those changes over time, as evidenced by the existence and continuing development of creoles and "World Englishes."

0.000 TO 3.000 Credit hours

0.000 TO 3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

English Department

Course Attributes:

Historical Foundations, Historical Consciousness

## ENG 105 - TEACH ENGLISH AS SECOND LANG

Study of "what to teach and how to teach it" to people whose native language is not English. The theory underlying ESL instruction, and the methodology and strategies of teaching, listening, speaking, reading and writing skills to non- native speakers of English.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

English Department

## ENG 109 - PROSE STYLISTICS

This course invites students to develop a capacity to analyze language closely at the phrase and sentence level, and thus, to become more aware of the stylistic qualities of written prose. Students will gain some familiarity with grammatical and rhetorical terms as they focus on what constitutes "style" in a given text, and how style and "substance" are related. Through frequent writing and revision, students will work to gain control over their own style, and will become more adept at shaping their language to suit their own writing purposes.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:

Written Communication

## ENG 111 - ADV WKSHP IN CRTV FLASH NONFIC

This advanced creative nonfiction writing workshop will focus on nonfiction flash narratives (flash essays of fewer than 1000 words). The goal will be for each student to compose a collection of flash nonfiction by the end of the semester, which means students should expect to write, at minimum, 25 pages of formal writing and revision. This course requires active participation as it is discussion and workshop based. Students also will analyze and discuss assigned readings, including flash nonfiction collections and flash memoirs. ENG 093 recommended.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 112 - AUTOBIOGRAPHY & MEMOIR

Students in this course will focus on two genres of life writing: autobiography (primarily based on verifiable information) and memoir (primarily based on the author's memories). The course will address remembering and capturing the past; vividly describing people and places; incorporating dialogue, emotion, historical context, and humor; and other components of effective life writing. The class will also examine the ethics of life writing. Over the course of the semester, students will explore the strategies discussed in class by writing and revising their own memoirs. Frequent writing and revision.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication, Women's Studies Course

### ENG 113 - CROSS-GENRE WRITING

Students in this course will explore the possibilities for writing within and against traditional generic boundaries. Students read works situated within genres (essays, poetry, drama, and fiction), as well as experimental cross-genre works, to increase their understanding of genre (as a concept and as practice), of the changing historical construction of literary genres, and of the numerous possibilities for writing. Students write within each genre, then experiment with writing that complicates or breaks down the boundaries between them. This course requires frequent writing and revision. Prerequisites: one of the following: ENG 90, 91, 92, or 93 or instructor permission.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 114 - ADVANCED POETRY WRITING

Students in this course-- intended for those who have previous experience with reading and writing poetry-- will explore further the practice of poetry. Students will read essays on poetry and poetics, write poems, and discuss elements of craft within the broader context of literary studies. The course emphasizes critical analysis of selected texts, including student work. Frequent writing and revision. Prerequisites: ENG 091 or 113 or instructor permission.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 115 - ADVANCED FICTION WRITING

Students in this course-- intended for those who have previous experience with reading and writing fiction-- will read and analyze published fiction, write their own fiction, and discuss elements of effective fiction writing. This course emphasizes the critical analysis of selected texts and discussion of student work. Frequent writing and revision. Prerequisite: ENG 092 or 113, or instructor permission.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 116 - CREATIVE WRITING FOR NEW MEDIA

Students in this course will read and write works of literature (fiction, poetry, etc.) designed for digital and new media platforms, especially work designed for the internet and/or mobile devices. We will begin with the history of OuLiPo and some readings in media theory, but our focus will be on creative practice, the methods and meanings of text/image/sound integration/juxtaposition, and the literary uses of interactivity, including Hypertext and other digitally-integrated forms. We will also explore the possibilities of non-linear literature, with a focus on the connection between narrative and game play. Frequent writing and revision.

3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 117 - ADAPTATIONS & TRANSFORMATIONS

This course examines the theory and practice of adapting narratives into new mediums and/or for new audiences, and asks essential questions about what defines a "story" in the face of radical transformations, how those transformations can reflect changes in culture and interpretation, and why certain elements of a text may be stable or unstable over time. Forms may include (but are not limited to): folk tales, literary fiction, staged performances, television, film, and video games. Students can expect to analyze the adaptations and transformations of others as well as create original adaptations themselves. Frequent writing and revision.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

### ENG 118 - READING AND CREATING COMICS

This course will allow students to explore comics as literature, art, and design, and to create comics of their own. Readings may include Scott McCloud's *Understanding Comics*; Alison Bechdel's *Fun Home*; selections from online comics including *The Oatmeal*, *xkcd*, and *Existential Comics*; as well as essays and theoretical readings that consider comics as both visual and literary art. Students in this course will create approximately eight pages of comics, write several responses and essays that engage with readings and reflect on individual practice, and will engage in frequent drawing and writing exercises. The course will culminate in a polished comic of at least five pages. Course requires no prior experience in drawing. No prerequisite.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 119 - COMMUNITY WRITING

The goal of Community Writing is to provide students with an engaged-learning experience that utilizes their interest in workplace- and socially-engaged writing within a mutually beneficial and jointly negotiated partnership with a campus or community organization. It consists of a workplace portion and an academic portion. Students will learn to complete writing projects, research, and deliverables on behalf of a selected non-profit community organization according to their guidelines and timetable. They will spend time learning about the organization's mission and the social needs it addresses. They will interact with the providers working within the organization and the individuals served by the organization with the goal of producing written content that supports the partner's mission. The academic portion of the course asks students to consider service and writing as a form of engaged rhetorical practice. Students will learn about the social concerns

addressed by our community partner through readings and activities, personal reflection, site visits, and group discussion; reflect on the difference between writing in classroom and professional settings; and build critical competence and self/communal esteem through literacy practices that support both personal and public discovery.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 120 - ADVANCED TOPICS IN WRITING

Students in this course at the advanced level will explore a focused issue or set of issues in the process and production of writing. Section-specific course descriptions and, in some cases, prerequisites, will be available before registration. Frequent writing and revision. General prerequisites: ENG 038, 039, 086, 090, 091, 092, or 093 or instructor permission. May be repeated once for credit when the topic varies.

0.000 TO 3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

Course Attributes:  
Written Communication

### ENG 122 - TOPICS IN POPULAR MUSIC

This course focuses on topics in the interpretation of popular music in 20th-century popular culture. Each version of the course (e.g., musical subcultures and popular taste, youth cultures and music, popular music and literary movements) devotes attention to issues of genre definition, representation and narration, production and reception, or, more generally, to the "cultural work" such texts and practices perform. Listening/viewing lab required. Frequent writing and revision. May be repeated once for credit when the topic varies.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 123 - ADV TOPICS IN THEORY & CRIT



Students in this course will explore, in-depth, a particular topic or approach to theory and criticism, or a closely-related group of topics and approaches. Students will be asked to familiarize themselves with the key principles and methods of the topic or approach, as well with the specialized vocabularies and usages particular to it. Examples of such topics include Poetics, Aesthetics, Psychoanalysis, Structuralism, Feminist Theory, and Post-Colonialism. May be repeated once for credit when the topic varies. Prerequisites: ENG 060 or 038 or instructor approval.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

#### ENG 124 - ADV TOPICS HISTORY & TRADITION

Topics for sections of this course will focus on pre-1900 texts and on literary practices and genres specific to the time period or national culture within which those texts were written. Thus, a version of the course might focus on the 19th century Gothic novel or on 17th century metaphysical poetry in ways that examine the cultural and historical context surrounding the production and reception of the texts. Such courses will ask students to work intensively with the language and conventions of the texts and with its contemporary as well as modern critical reception and interpretation.

0.000 TO 3.000 Credit hours  
0.000 TO 3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

#### ENG 125 - ADV TOPICS CULTURE & IDENTITY

This course concentrates on topics in popular culture and representations of identity. Each version of the course will devote attention to a particular set of issues in the production and reception of specific popular cultural and/or identity formations -- for instance, the politics of 21st-century memes, a century of detective fiction, the birth and death of the soap opera, gender in contemporary horror fiction and film, technologies of reproduction in science fiction/fantasy. May be repeated once for credit when the topic varies.

0.000 TO 5.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

#### ENG 126 - FILM/TV HISTORY & CRITICISM

This course serves as a survey to the interpretation of cinema and/or television as mass culture forms. Each version of the course will take a broader approach to the history of cinema and television studies in relation to the cultural context in which such media were produced and consumed (e.g. early cinema history, French

cinema, World cinema, suburbs and the rise of television). The course will attend to issues of genre definition, representation and narration, production and reception, or, more generally, to the "cultural work" such texts and practices perform. Outside film screenings will be a feature of this course. May be repeated once for credit when the topic varies.

0.000 TO 3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

Course Attributes:  
Historical Foundations

### ENG 128 - ADVANCED TOPICS IN DRAMA

Students will explore a particular question, problem, issue, or topic germane to the study of drama as a literary genre (rather than as theatrical or technical practice). A particular section of this course may delineate its topic according to historical period, dramatic tradition, cultural origin, theoretical or critical method, theatre or theatre company, or "schools" of drama. Examples of such topics include Modernist Experimental Drama, Epic Drama, Melodrama, Classical Drama, Drama of Resistance, Gendered Performances, Theatre of Cruelty, Absurdism, and the like. May be repeated once for credit when the topic varies.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 129 - ADVANCED TOPICS IN FILM

This course is designed to have students perform an intensive critical analysis of a particular topic in cinema studies. Topics may be arranged according to genre, movement, author or theoretical approach (i.e. historical film noir, the Nouvelle Vague, Hitchcock/Wilder, film theory and the aesthetics/politics debate). Students should anticipate a more rigorous theoretical, historical and formal examination of the cinema. Outside film screenings will be a feature of this course. May be repeated once for credit when the topic varies.

0.000 TO 3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

### ENG 130 - STUDIES IN LITERARY GENRES

An examination of the history, criticism, theory and status of a literary genre, such as the epic, romance, short story, essay and so on. May be repeated once for credit when the topic varies.

0.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

### ENG 131 - MAJOR HISTORICAL FIGURES

A study of the works of one or more major writers whose works were composed, for the most part, prior to 1900 with an emphasis on understanding the figure's importance in historical context as well as her or his legacy. Primary texts will be supplemented by secondary texts (such as literary criticism, biography, and/or adaptations) that discuss the figure(s). The figure(s) to be studied may vary. May be repeated once for credit when the topic changes.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 134 - TRANSATL LANDSC IN BRIT AM ART

This course focuses on an interdisciplinary understanding of "landscape" conventions within a transatlantic context. We will read theories about art history and aesthetics (particularly in history and landscape painting) by Sir Joshua Reynolds, John Ruskin, Thomas Cole, Asher Durand and others. We will examine paintings, prints and drawings by John Constable, J.M.W. Turner, Frederic Church, 19th century American women painters and amateur travellers. Our focus will be on how different aesthetic modes reflect and produce different understandings of "nature" and the human presence in the landscape. We will look at art/writing in the context of colonialism, economic change, the rise of the middle class, travel/tourism and other contexts that shape 19th century identity (both national and individual) in Anglo-American contexts. We will also consider ways that writing and the visual arts share certain concerns--but also represent nature, humanity, history and divinity in different ways.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Artistic Experience, Int Study Humanities/Sciences

### ENG 135 - ADOLESCENT LITERATURE

Selected readings in fiction, poetry and non-fiction written for young adults, with emphasis on contemporary novels. Discussions explore the relationship of the adolescent characters to adults and peers, the rites of passage in each story, and the contrasting narrative viewpoints from which these stories are told. Some attention to teaching this literature to junior high and high school students.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Women's and Gender Studies

### ENG 136 - ADOLESCENCE/AMERICAN FICTION

This course explores how selected short stories and novels represent the adolescent experience in the United States: how the adolescent protagonist is positioned in relation to other groups and the larger culture, the attitude of the implied author toward adolescence, and experiences that comprise "growing." Writing assignments include critical responses and an original short story. May be used as part of Women's and Gender Studies Concentration.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Women's Studies Course

### ENG 137 - GENDER AND HORROR

This course critically examines depictions of women and gender in horror fiction and film, with an emphasis on film. Primary texts are horror films and horror fiction from the mid-twentieth century to the present. Our reading is framed by theoretical and critical writing on gender and horror. Students will analyze horror film as genre, read horror fiction, and create critical essays.

0.000 OR 3.000 Credit hours  
0.000 Lab hours

Levels: Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

### ENG 138 - WOMEN AND FILM

This course investigates women's role in film culture: women as producers, consumers, and consumed. From iconic stars, such as Bette Davis, to women screenwriters, directors, and producers, who have historically been ignored, this course will uncover the various ways in which women have been active agents in a largely male-dominated industry. The course will also explore theories of gendered reception as well as genres, such as the melodrama, that center on female protagonists and are also marketed to women audiences. Along the way, students will analyze the rich discourse of feminist film criticism, which has been integral in the development of film studies.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

#### ENG 140 - SHAKESPEARE: TEXTS/CONTEXTS

This course centers on reading selected Shakespearean plays closely and imaginatively, focusing especially on how they are shaped by and, in turn, give shape to the interrelations between the culture that gave rise to them as well as in late 20th and early 21st-century culture(s).

3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

#### ENG 141 - ADV TOPICS IN IRISH LITERATURE

This course examines a focused question or set of questions concerning the construction and depiction of Irishness in writing by and about the Irish. Topics may include the rise of the Irish National Theater, Irish Writing in/about Exile, Anglo-Irish Writing, or Reading and Writing the Irish Other. This course may be repeated once for credit when the topic varies.

0.000 TO 3.000 Credit hours

0.000 TO 3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

English Department

#### ENG 142 - TOPICS IN EARLY ENGLISH TEXTS

To read original texts written during the 1000 year period beginning with the epic poem, Beowulf, and ending with Chaucer and Malory requires specialized knowledge not only of the (developing) English language of the period, but also of medieval interpretive practices. Different versions of this course may focus on such topics as the Arthurian tradition, courtly love and the medieval love lyric, early epic and heroic literature, saints' lives, homilies and ecclesiastical histories. Students will gain some familiarity with the language(s) of medieval

England and Scotland, contemporary cultural practices, authorship and deliberate textual obscurity, and the Christian exegetical tradition. They will also consider modern theoretical and critical responses to medieval literatures. Sections which focus on Anglo-Saxon and Old Norse epics will read those texts in translation. This course may be repeated for credit when the topic varies.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

#### ENG 143 - ADV TOPICS/ EARLY MODERN TEXTS

This course examines cultural texts from the sixteenth, seventeenth, and/or eighteenth centuries, focusing critical attention on what makes these works both "early" and "modern." Study will likely be organized by period, national tradition, theme, and/or genre, and may consider topics like the construction of subjectivity, literacy, nationhood, colonialism, and the like. Past topics, for example, have included revenge in the English Renaissance, early modern women writers, and literature from the scene of Atlantic encounter. This course may be repeated once for credit when the topic varies.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

#### ENG 147 - 20TH CENTURY BRITISH LIT

Students in this course will focus their attention on a particular topic, question, issue, or problem germane to the production, reception, interpretation, or analysis of British literary and/or filmic texts of the 20th Century. This course encourages students to explore a narrowly focused body of work, such as a particular genre or form or works dealing with a particular theme or question, and to consider it principally in terms of developments and tensions in British society and of what it may have meant to be and to write "British" during the 20th Century.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Historical Foundations, Historical Consciousness

#### ENG 148 - IRISH LITERATURE

A study of Irish writing in English, mostly from the early 19th century to the present, in terms of socio-political developments, the complex relationship of the Irish writer to English language and culture, and the persisting (and conflicting) images of Ireland, the Irish and Irishness informing such writings.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 150 - POETRY AND SOCIETY 1720-1920

A study of representative poetry from Britain and the United States written between the early 18th century and the early 20th, neoclassicism to modernism, with attention to possible relationships between literary change and broader changes in British and U.S. societies.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Historical Consciousness

### ENG 151 - SALEM WITCHCRAFT TRIALS

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Historical Foundations

### ENG 152 - 19TH CENTURY AMERICAN LIT

Students will study a genre, social issue, historical period, aesthetic movement, or collection of related texts written between 1800 and 1900, exploring the interconnections among history, "American" identity, and what we call "literature."

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## English Department

### Course Attributes:

Historical Foundations, Historical Consciousness, Women's Studies Course

### ENG 156 - CONTEMPORARY AMERICAN LIT

This course will explore recent literature (poetry, fiction, non-fiction, drama), focusing on one genre or working across genres. Students should anticipate studying a variety of styles/forms, connecting literature to contemporary experience and culture.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

## English Department

### ENG 158 - LITERATURE OF SOUTH AFRICA

An intensive study of literature from South Africa ranging in date from the late nineteenth century to the present. Students will consider the ways in which writers use fiction, non-fiction, and poetry to capture, represent, and comment upon the complexities of South African life and culture during and after apartheid. This course investigates representations of issues such as the long-term effects of apartheid on race relations, gender relations, and economic inequality. More broadly, the course considers how the literature of this nation raises and addresses broader questions of what it means to form human identity, the troublesome propensity of human beings to oppress and inflict suffering on others, and the sometimes surprising methods in which suffering people survive assaults on their bodies as well as their imaginations. This course satisfies the Global/Multicultural Understanding AOI requirement.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

## English Department

### Course Attributes:

Global and Cultural Understand, International & Multicultural, Women's and Gender Studies

### ENG 162 - RECENT FICTION BY WOMEN

This course studies the work of selected women writers since World War II and especially of the last two decades. It focuses on issues of gender, race and class in works that concern themselves with women's lives, social change and the future of the planet.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed



English Department

### ENG 163 - TRANS-CULTURAL LITERATURE

This course asks students to investigate the relationship between writing and the exploration of positions on the "border" of diverse cultures. Students will read and write about texts by writers whose gender, professional, educational, religious, and family backgrounds tend to "place" them simultaneously within a range of dissonant cultures. To provide critical perspectives for their reading and writing, students will also examine critical essays that investigate issues which face writers concerned to write from the borders and the cultural function of this type of writing.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:

Global and Cultural Understand, International & Multicultural

### ENG 165 - POSTCOLONIAL LITERATURE

This course is an introduction to literature by writers from nations that were formerly European colonies. Influential texts by European writers about the colonial situation are also studied. The course introduces students to the critical framework and primary debates within the field of postcolonial literature. There are two versions of this course: one centering on the literature of Africa, the other on Asia. May be used as part of Women's and Gender Studies Concentration.

3.000 Credit hours

Levels: Non-Drake, Law, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:

Global and Cultural Understand, Cat 3 - LPS - LPS conceptions, LPS Historical Course, International & Multicultural, Women's Studies Course

### ENG 166 - LITERATURE OF WAR

This course explores the special problem of writing and reading about war. Students study how writers have attempted to make sense out of the experiences of war and of war's psychological, social, political, and cultural aftermath. The course may focus on a particular war - Civil, World War II, Vietnam, Gulf, for instance - or it may examine the phenomenon of war from a chronological and/or cross-national perspective. In any case, the texts (stories, essays, poems, films, documentaries, etc) are placed in a historical context.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Historical Foundations, Historical Consciousness

### ENG 169 - THEORIES OF MYTH & ARCHETYPES

The terms "myth" and "archetype" account for diverse cultural practices and a range of theoretical understandings studies in such disciplines as anthropology, philosophy, psychology, sociology, linguistics, folklore and literary theory. To understand how myths and archetypes function as representational systems within cultural and literary narratives -- ancient or modern-- we will draw from different theoretical frameworks as we construct ways of reading through a given set of national myths (e.g., Old Norse, Greek and Roman, Babylonian), or mythic systems or subjects (e.g., creation, the hero, the divine child).

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 171 - TEACHING WRITING

This course focuses on the theory and practice of teaching writing. Students will be introduced to competing theories of writing and explore their implications for various teaching practices. Topics to be addressed include the overall design and structure of writing and writing- intensive courses, relations between writing and reading, assignment writing, responding to student papers, responding to "error," and working with diverse student populations. Prereq.: ENG 060, or 061, or one course between 100 and 174.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Critical Thinking

### ENG 172 - TEACHING TUTORIAL WRITING

Instruction in and experience with tutoring student writers under the supervision of the director of the Writing Workshop. Weekly meetings and required writing. Readings and discussion of topics such as promoting fluency and critical analysis, responding to cultural differences, teaching revision, etc. Prereq.: instructor's consent.

1.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

English Department

### ENG 173 - CRITICAL THEORY

This course considers ways in which critical theories are embodied in reading and writing practices. Students read, discuss and write about texts in critical theory and engage in specific critical/theoretical practices.  
Prereq.: ENG 038 OR 039 or one course at the 100-174 level.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

Course Attributes:  
Critical Thinking

### ENG 178 - TOPICS IN MULTICULTURAL LIT

As an alternative to a survey, this course invites an issue- oriented approach to the interpretation of Multicultural literature in general or of different cultural or ethnic traditions such as African American, Asian American, Chicano or Native American in particular. The course explores (and problematizes) the study of multicultural writing in terms of its relationship to the prevailing history of Anglo-American letters, its posture outside of that history, and its relation to other literatures of color. The specific focus of the course varies each time offered, but each version of the course devotes some attention to the matters of genre definition, period definition, and canon definition. Must be a junior or senior English, Writing, or Secondary Education major.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 181 - TOPICS IN LITERACY STUDIES

A seminar on varying topics concerning literacy, such as its relation to orality, its relation to culture(s), its acquisition, the history of literacy, theories of composing in writing, the past and contemporary teaching and learning of literacy, and theories of written "error." A senior capstone course. Must be a junior or senior, English, Writing or secondary education major.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

English Department

### ENG 185 - TRAVEL SEMINAR

Ranging from 0-6 credits, travel seminars take place primarily off campus, with some class meetings occurring on campus before travel and the possibility of on-campus class sessions after travel.

0.000 TO 6.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

English Department

### ENG 195 - CAPSTONE IN ENGLISH & WRITING

This seminar fulfills the capstone requirement for both Writing and English majors, and is tailored to students whose work and interests include both literary and film analysis, theory, and history, on the one hand, and writing, on the other. The specific topic of the seminar will be determined by the instructor, but all capstone seminars are summative, providing students with an opportunity to reflect on their development and direction at the end of their undergraduate experience. Toward that end, students will undertake a semester-long project, tied to the seminar topic, but providing opportunities for students to reflect critically on the text they are producing and to participate in conversations that extend the project beyond the classroom. This course may be taken to fulfill other upper-division requirements and electives, with advisor approval, instead of as a capstone seminar.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

English Department

### ENG 196 - CAPSTONE IN WRITING

This seminar fulfills the capstone requirement for Writing majors. The specific topic of the seminar will be determined by the instructor, but all capstone seminars are summative, providing students with an opportunity to reflect on their development and direction at the end of their undergraduate experience. Toward that end, students will undertake a semester-long project, tied to the seminar topic, but providing opportunities for students to reflect critically on the text they are producing and to participate in conversations that extend the project beyond the classroom. This course may be taken to fulfill other upper-division electives and requirements, with advisor approval, instead of as a capstone seminar.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

English Department

### ENG 197 - CAPSTONE IN ENGLISH

This seminar fulfills the capstone requirement for English majors. The specific topic of the seminar will be determined by the instructor, but all capstone seminars are summative, providing students with an opportunity to reflect on their development and direction at the end of their undergraduate experience. Toward that end, students will undertake a semester-long project, tied to the seminar topic, but providing opportunities for students to reflect critically on the text they are producing and to participate in conversations that extend the project beyond the classroom. This course may be taken to fulfill other upper-division electives and requirements, with advisor approval, instead of as a capstone seminar.

0.000 OR 3.000 Credit hours

0.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

English Department

### ENG 198 - INDEPENDENT STUDY

Readings, conferences, reports and a research paper/ semester portfolio under the direction of a faculty member. The student defines the topic and schedule of activities in consultation with a faculty mentor.

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

English Department

### ENG 199 - WRITING IN SERV & PROF SETTING

Internship in Writing (one to three credits): This course provides students the opportunity to use, develop, extend and reflect upon their writing. Internships may be within or outside the university, in business or non-profit organizations, and must require writing in some form as a key feature of the work. Prerequisites: 60 hours in college credit; ENG 060 and ENG 061; major/minor status; 2.75+ GPA in English courses; advisor approval.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Web Instructed

English Department

Course Attributes:

Engaged Citizen, Written Communication

ENSP 0-- - Environmental Studies

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### ENSP 015 - INTRO TO ENVIRONMENTAL SCIENCE

This course is designed to introduce and critically examine current environmental science and policy problems at both national and international scales. Primarily for non-majors, the format of this class will be a combination of lectures, class discussions, and group presentations. Students will debate and propose resolutions to current environmental problems such as disposal of nuclear waste, global climate change, human overpopulation, and species extinctions.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### ENSP 022 - METEOROLOGY: SCIENCE / WEATHER

Introduces students to short-term interactions between the atmosphere, oceans, and land, and how these interactions produce weather. The course covers various meteorological topics, including atmospheric structure and circulation, fronts and air masses, extreme events such as thunderstorms, tornadoes, and hurricanes, and forecasting.

0.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Division Undeclared Division  
Environmental Science Department

Course Attributes:  
Physical Science

#### ENSP 026 - ETHOLOGICAL METHODS

This course will provide a hands-on introduction to the methods of direct and indirect behavioral observation, including the development of observation techniques, ethogram construction, field methods, use of video and other technologies, appropriate data management and analysis. The course will have a significant component of experiential learning, including each student's individual design and execution of a substantial behavioral observation project.

3.000 Credit hours  
3.000 Lab hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Environmental Science Department

#### ENSP 035 - ONE EARTH:GLOB ENV SCIENCE

Introduces basic ecological concepts before taking up human interactions with the earth and how science is a tool for environmental problem-solving. Includes discussion of models of population growth, the concept of the commons, thermodynamics, and complex policy issues such as biodiversity, risk-assessment, climate change and energy. An interdisciplinary course with special emphasis on critical thinking. Concurrent enrollment in ENSP 036 (laboratory) available.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Life Science

#### ENSP 036 - ONE EARTH LABORATORY

Hands-on lab and field exercises designed to enhance understanding of concepts discussed in ENSP 35. Includes environmental testing and data collection, visits to various sites of environmental interest, and an independent project. Concurrent enrollment in ENSP 35 required.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

#### ENSP 037 - ENVIRONMENTAL CASE ANALYSIS

Environmental Case Analysis is a team-based learning course designed for Environmental Science and Policy majors in their sophomore year. Students will develop scientific and policy responses to three major case studies, each focused on a problem in a different area of environmental studies. Students will be introduced to interdisciplinary analysis, the use of primary literature in problem-solving, and addressing complexity.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environmental Science Department

Course Attributes:  
Information Literacy

#### ENSP 041 - PRINCIPLES OF GEOLOGY

Introduction to the science of geology, its principles, methods and theories as they are employed in studying planet Earth. The importance of geological knowledge in understanding problems of natural resources, hazards, and land use is emphasized. No prereq. Laboratory required.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Biology Department

Course Attributes:

Physical Science

#### ENSP 042 - PRINCIPLES OF GEOLOGY LAB

The course will provide students with interactive exercises that explore geologic processes and dynamics ranging in scale from atoms to the solar system. Students will engage with each other in both laboratory and field environments employing common techniques and instruments used in the geosciences. Concurrent or previous enrollment in ENSP 041 required.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Web Instructed

Course Attributes:

Physical Science

#### ENSP 050 - SPEC TOPICS ENV SCI & POL

A forum for new, introductory-level academic inquiries into environmental science and policy. Contact the ENSP director for details.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

#### ENSP 054 - ENVIRONMENTAL COMMUNICATION

This course focuses on the role of communication in shaping distinctions and relations between "culture" and "nature", in representing environments for audiences, and in advocating for or against particular environmental policies and practices. We will critically examine 1) how publics come to view environments through representations in a variety of media; 2) problems of efficacy and ethics in the public discourse, forums, and voices playing a part in environmental controversies and debates; 3) our own practices of advocacy. We also will be reflecting on the relationships between all of these arenas-- the theory, critique, and practice of environmental communication.

1.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Environmental Science Department

Course Attributes:

Engaged Citizen



### ENSP 061 - ENVIRONMENTAL SOCIOLOGY

Environmental sociology examines the relationship between human communities and the natural environment in the modern world. In particular, it focuses on how political, economic, and cultural institutions shape our interactions with the natural environment. This course also considers how societies are responding to environmental problems on a global and local level, with special attention to the intersection of environmental problems and social inequality. Specific topics of study may include industrial pollution, environmental ideologies, global climate change, and natural disasters, among others.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Environmental Science Department

Course Attributes:

Int Study Humanities/Sciences

### ENSP 063 - ZOO BIOLOGY

This course will provide an overview of the field of zoo biology, with emphases on the role of zoos in conservation, species survival plans, captive management of small populations of exotic animals (especially including endangered species), and the use of behavioral research and environmental enrichment methods in captive animal welfare. The course will have a significant component of experiential learning including participation in ongoing and newly-initiated behavioral research in a zoo setting. Prerequisite: BIO 013 or instructor permission.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Environmental Science Department

### ENSP 065 - GEOGRAPHIC INFO SYSTEMS

Geographic Information Systems (GIS) are used to manage, analyze, and display spatial data by many different types of disciplines. This course will provide students with an introduction to the concepts and techniques utilized by GIS. Concepts and applications are discussed in a multi-disciplinary context. Students explore ESRI's Arc View software including the tools used to input, manage, analyze, and display geographic information.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

### ENSP 071 - ENVIRONMENTALISM IN THE U.S.

This course uses sociological concepts and methods to examine contemporary environmental movements. Students will learn about the ideological and organizational diversity of environmental movements, consider beliefs and experiences that lead people to participate in these movements, and study the ways that environmental activism is shaped by social structure and social institutions. Movements considered may be ones that focus on wilderness protection, animal rights, anti-pollution activism, environmental justice, buying "green," and others.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Engaged Citizen, Values and Ethics

ENSP 1-- - Environmental Studies Upper Lv

1.000 TO 10.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

#### ENSP 101 - RESTORATION ECOLOGY PRACTICUM

This course is designed to introduce students to the theory and practice of restoration ecology as an emerging scientific discipline, and to allow for students to spend substantial time in the field applying principles of restoration ecology at a variety of natural areas in central Iowa. Time spent in the classroom will focus on developing an understanding for how ecologists approach the repair of degraded ecosystem structure and function, while the field laboratory will emphasize the application of techniques such as community monitoring, invasive species control, prescribed burning, and plant propagation in ongoing restoration activities. BIO 117-118L are strongly recommended. Prereq.: BIO 1 or BIO 13, and ENSP 35-36 or consent of the instructor.

1.000 TO 3.000 Credit hours  
1.000 Lecture hours  
2.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Environmental Science Department

#### ENSP 109 - ZOO/GREAT APE PRACTICUM

Supervised experience in practices and protocols used in captive animal management. Conducted at off-campus locations.

2.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Environmental Science Department

ENSP 111 - INTERNATIONAL ENVIRONMENT SEM

The International Environmental Seminar enables students to gain an appreciation of the ecological and social aspects of environmental issues through an intense immersion experience in a developing country. Students will explore aspects of sustainable development and environmental justice within a specific national context. In general, discussion topics will include tropical ecology, the politics of land use, the effects of conflict on environmental systems, and the interaction between economic development and sustainability. Permission of the Instructor is required.

3.000 TO 4.000 Credit hours  
3.000 TO 4.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environmental Science Department

Course Attributes:  
Global and Cultural Understand, International & Multicultural

ENSP 115 - ENVIRONMENTAL FIELD COURSE

Courses offered under ENSP 115 are generally intensive field studies of specific plant or animal taxa within the state. Recent courses have emphasized detailed consideration of topics in field ecology, ecosystem management, or organismal biology. Credit hours received varies from 1 to 6 depending on the length of the course and number and length of days spent in the field.

0.000 TO 6.000 Credit hours  
1.000 TO 6.000 Lecture hours  
0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

ENSP 127 - ENDANGERED SPECIES CONSERV

This course addresses the challenges of species conservation, with a focus on endangered species, from a global perspective. Topics will include relevant treaties and laws (e.g, CITES and the U.S. Endangered Species Act), the development of the IUCN red list, and Species Survival Plans used in captive animal population management. This course will also study how scientists apply the principles of conservation biology in the developing world, and how emerging socioeconomic challenges place increasing pressure on biologists to find innovative ways to merge science and policy.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### ENSP 128 - SELECTED TOPICS

Application of ecological theory to managing earth's biodiversity. Includes consideration of ethical and political frameworks, definitions of species, population genetics, landscape ecology, design of parks and preserves, species recovery plans, current efforts in restoration ecology, and sustainable development. Features case study approach, student-led discussions of primary literature, lab and field experiences including a required weekend trip. Prereqs: BIO 2 or 12, BIO 117-118, or consent of instructor.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

### ENSP 135 - GLOBAL CLIMATE CHANGE-SCI/POL

An interdisciplinary investigation of anthropogenic global change, using "global warming" as a semester-long case study. Students learn an effective approach to investigating a major environmental issue by first obtaining a strong scientific background in the issue, building mathematical and conceptual models to test scenarios, and finally investigating various policy options. Climate physics, paleoclimatology, biology, uncertainty analysis, economics, and risk assessment are some of the tools students will learn to apply to these issues.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Course Attributes:

Cat 2 - LPS - Contemp Issues, LPS Public Policy Course, Physical Science

### ENSP 150 - ADVANCED TOPICS IN ENV SCI

A forum for new, advanced-level academic inquiries into environmental science and policy. See ENSP director for details.

0.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

### ENSP 151 - SUSTAINABILITY & RESILIENCE

Sustainable systems are those that can continue their core functions indefinitely without degradation; resilient systems are those that can continue their core functions in the face of rapid, and often unexpected, change. In this course we explore what makes something sustainable and resilient and develop techniques to measure and assess environmental, economic, and social sustainability and resilience in real-world systems and institutions.

4.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture/Lab Combo, Web Instructed

## Environmental Science Department

### ENSP 154 - ENVIRONMENTAL DECISION MAKING

In this course, students will take a look at some of the most widespread quantitative techniques for environmental decision-making, including dynamic modeling, cost-benefit analysis, contingent valuation, and risk/uncertainty analysis. We will construct simple computer models and analyses to get a good sense of what these tools can do and where they break down. Students will learn how to use these tools and how to be a skeptical consumer of information provided by others. Along the way, we will explore ethical, scientific, and practical critiques of the use of these techniques, and explore how the worldviews of various disciplines clash when dealing with the application of various quantitative environmental policy tools.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### ENSP 156 - ENVIRONMENTAL POLITICS/POLICY

The objectives in this course are to present theoretical models and case studies that familiarize students with the fundamental processes that produce environmental policy. Environmental Politics and Policy provides an analytical framework for making sense of the origin and limitations of landmark legislation. Prereq.: POLS 001 or ENSP 35 or instructor's consent. Cross-listed with POLS 156.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Course Attributes:  
Engaged Citizen

### ENSP 159 - ZOO/GREAT APE INTERNSHIP

Supervised practical experience in husbandry, management, and research in a captive animal setting. Involves progressively greater responsibility and probable involvement in research, depending on the performance of individual student. Specific work assignments will vary based on the needs of the host institution and the individual professional goals of the student.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

## Environmental Science Department

### ENSP 165 - APPLICATIONS OF GEOG INFO SYST

This course acquaints students with "real world" GIS solutions by taking a project from concept to completion; this includes generating project proposals, acquiring and creating data, performing spatial analysis, project presentation, and product delivery. Students learn to identify issues at all phases of a GIS project and work

with the client and fellow team members to creatively solve problems. Client and consultant relationships are established by working with central Iowa agencies and organizations. Students are exposed to internship opportunities and are able to network with professionals in a variety of fields. Prereq.: ENSP 65.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### ENSP 168 - DYNAMIC ENVIRONMENTAL MODELING

Dynamic models are critical tools in the analysis of time-dependent systems. Many environmental systems are dynamic in this way: local populations may fluctuate in response to the appearance of a nonnative species; the risk associated with a pulse of pollutants may depend upon how quickly downstream mixing can occur; and the adaptation ability of species might be a function of the rate of change in ecological conditions. In this course, we will construct dynamic models, learn how to parameterize them even in the face of imperfect data, and discuss generalized patterns exhibited by complex environmental systems, such as overshoot, resilience, oscillations, and chaos. Prereq: any college-level mathematics or statistics course.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### ENSP 191 - ENV SCI & POL PRACTICUM

A seminar that brings aspects of biology, chemistry, geology and policy formulation to bear on a contemporary environmental topic such as energy, soil conservation, hydrology, climate change, land use planning, sustainability or ecosystem ecology. May involve construction of models, performance of simulations or empirical tests. Open as an elective to all Drake seniors; required capstone for ENSP seniors.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Course Attributes:

LPS Public Policy Course

#### ENSP 193 - ENVIRONMENTAL LAB ASSISTANT

Directed experience in laboratory instruction. May involve helping staff with set-up, conducting and evaluating of lab and field experiences. In preparing to help students learn material, assistants have the opportunity to re-examine their own knowledge and acquire practical experience alongside a teaching mentor. By invitation or approval of instructor for specific ENSP offerings.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Web Instructed

### ENSP 196 - ENVIRONMENTAL INTERNSHIP

Extended, usually off-campus experience involving an environmental theme. May include work in local or state government, with law or consulting firms, conservation groups, nature centers or news agencies. Written report or public oral presentation upon completion. Prereqs: BIO 1 or equivalent, CHEM 2/4, ENSP 35-36, and consent of director.

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

### ENSP 197 - ENVIRONMENTAL RESEARCH

Extended experience developing a particular scientific question concerned with the environment. May be of independent design or part of larger projects mentored by academic, government, or industry scientists. Collaborative, but student must take the lead in acquisition and analysis of data. Written report or public oral presentation upon completion. Prereqs: BIO 1 or equivalent, CHEM 2/4, ENSP 35-36, and consent of director.

1.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

### ENSP 198 - INDEPENDENT STUDY

Involves student-led inquiry into an environmental topic of interest as approved by the director and in association with at least one faculty mentor. Culminates in written report; other details arranged.

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

### ENSS 0-- - ENVIRON STUDIES LOWER LEVEL

1.000 TO 10.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 015 - INTRO TO ENVIRONMENTAL SCIENCE

This course is designed to introduce and critically examine current environmental science and policy problems at both national and international scales. Primarily for non-majors, the format of this class will be a combination of lectures, class discussions, and group presentations. Students will debate and propose resolutions to current environmental problems such as disposal of nuclear waste, global climate change, human overpopulation, and species extinctions.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 022 - METEOROLOGY: SCIENCE / WEATHER

Introduces students to short-term interactions between the atmosphere, oceans, and land, and how these interactions produce weather. The course covers various meteorological topics, including atmospheric structure and circulation, fronts and air masses, extreme events such as thunderstorms, tornadoes, and hurricanes, and forecasting.

0.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Physical Science

#### ENSS 026 - ETHOLOGICAL METHODS

This course will provide a hands-on introduction to the methods of direct and indirect behavioral observation, including the development of observation techniques, ethogram construction, field methods, use of video and other technologies, appropriate data management and analysis. The course will have a significant component of experiential learning, including each student's individual design and execution of a substantial behavioral observation project.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 035 - ONE EARTH:GLOB ENV SCIENCE

Introduces basic ecological concepts before taking up human interactions with the earth and how science is a tool for environmental problem-solving. Includes discussion of models of population growth, the concept of the commons, thermodynamics, and complex policy issues such as biodiversity, risk-assessment, climate change and energy. An interdisciplinary course with special emphasis on critical thinking. Concurrent enrollment in ENSP 036 (laboratory) available.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department



Course Attributes:  
Life Science

#### ENSS 036 - ONE EARTH LABORATORY

Hands-on lab and field exercises designed to enhance understanding of concepts discussed in ENSP 35. Includes environmental testing and data collection, visits to various sites of environmental interest, and an independent project. Concurrent enrollment in ENSP 35 required.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 037 - ENVIRONMENTAL CASE ANALYSIS

Environmental Case Analysis is a team-based learning course designed for Environmental Science and Policy majors in their sophomore year. Students will develop scientific and policy responses to three major case studies, each focused on a problem in a different area of environmental studies. Students will be introduced to interdisciplinary analysis, the use of primary literature in problem-solving, and addressing complexity.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Information Literacy

#### ENSS 041 - PRINCIPLES OF GEOLOGY

Introduction to the science of geology, its principles, methods and theories as they are employed in studying planet Earth. The importance of geological knowledge in understanding problems of natural resources, hazards, and land use is emphasized. No prereq. Laboratory required.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Physical Science

#### ENSS 042 - PRINCIPLES OF GEOLOGY LAB

The course will provide students with interactive exercises that explore geologic processes and dynamics ranging in scale from atoms to the solar system. Students will engage with each other in both laboratory and field environments employing common techniques and instruments used in the geosciences. Concurrent or previous enrollment in ENSP 041 required.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Physical Science

#### ENSS 050 - SPEC TOPICS ENV SCI & SUST

A forum for new, introductory-level academic inquiries into environmental science and sustainability. Contact the ENSS director for details.

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 054 - ENVIRONMENTAL COMMUNICATION

This course focuses on the role of communication in shaping distinctions and relations between "culture" and "nature", in representing environments for audiences, and in advocating for or against particular environmental policies and practices. We will critically examine 1) how publics come to view environments through representations in a variety of media; 2) problems of efficacy and ethics in the public discourse, forums, and voices playing a part in environmental controversies and debates; 3) our own practices of advocacy. We also will be reflecting on the relationships between all of these arenas-- the theory, critique, and practice of environmental communication.

1.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Engaged Citizen

#### ENSS 061 - ENVIRONMENTAL SOCIOLOGY

Environmental sociology examines the relationship between human communities and the natural environment in the modern world. In particular, it focuses on how political, economic, and cultural institutions shape our interactions with the natural environment. This course also considers how societies are responding to

environmental problems on a global and local level, with special attention to the intersection of environmental problems and social inequality. Specific topics of study may include industrial pollution, environmental ideologies, global climate change, and natural disasters, among others.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Int Study Humanities/Sciences

### ENSS 065 - GEOGRAPHIC INFO SYSTEMS

Introduction to Geographic Information Systems: This course is designed for students who wish to learn the basics or increase their knowledge of introductory concepts of this rapidly expanding field. GIS concepts and applications are discussed in a multi-disciplinary context. Students explore ESRI's Arc View software including the tools used to input, manage, analyze, and display geographic information.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 071 - ENVIRONMENTALISM IN THE U.S.

This course uses sociological concepts and methods to examine contemporary environmental movements. Students will learn about the ideological and organizational diversity of environmental movements, consider beliefs and experiences that lead people to participate in these movements, and study the ways that environmental activism is shaped by social structure and social institutions. Movements considered may be ones that focus on wilderness protection, animal rights, anti-pollution activism, environmental justice, buying "green," and others.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Engaged Citizen, Values and Ethics

### ENSS 072 - ENVIRONMENTAL PSYCHOLOGY

An introduction to the field of environmental psychology. Psychology needs ecology; ecology needs psychology. The field of psychology cannot continue to ignore the ecological context of human life, and environmentalists need psychologists to help them understand human behavior, which is the root cause of most

contemporary environmental problems. The purposes of this course are to survey central issues in the emerging field of ecological psychology, to examine competing conceptions of this field, and to review our growing understanding of the relationship between human beings and the physical environment. We'll study global problems, their environmental effects and mechanisms, and explore possible solutions based on behavioral interventions. Prerequisite: PSY 001

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 1-- - ENVIRON STUDIES UPPER LEVEL

1.000 TO 10.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 101 - RESTORATION ECOLOGY PRACTICUM

Teaches advanced field observational skills using problems in plant biology, animal ecology, and physical geology in conjunction with an exploration of American environmental literature by Annie Dillard, Aldo Leopold, Henry Thoreau and John Muir. Students are challenged to develop new scientific and outdoor skills and make deeper, personal connections to the land. Involves out-of-state travel to a wilderness setting, short hikes, stays in group cabins, journal keeping and a 24-hour solo camping experience.

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 103 - FOUNDATIONS NAT HIST & ENVIRON

For centuries, the connection between humans and the natural world has been the focus of considerable philosophical and scientific debate, with authors such as Darwin, Thoreau, Leopold, Abbey, Dillard, and Wilson providing contrasting viewpoints of the role of nature in human constructs. This course will explore the writings of these authors and others, with an emphasis toward the development of modern environmentalism and the creation of conservation ethics based on student interpretations of historical and modern naturalist literature. Furthermore, students will be expected to analyze and critique the value that different authors place on natural history through a series of writing assignments and outdoor natural history exercises. Cross-listed with ENG 130.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 107 - CIVIC ENVIRONMENTALISM/GROWTH

Civic Environmentalism and Smart Growth is a course about the social, political, economic, and environmental consequences of urban sprawl. Through the study of policy history and current debates, students learn about the patterns of auto-dependency that characterize urban growth in the United States.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 108 - ENV & NAT RES ECON

Analysis of allocative efficiency, sustainability, and policy consequences for different types of environmental and natural resources using microeconomic methods. Topics include market failure, valuation methods, water & air pollution, climate change, water, land, and ecosystem services valuation.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:

Engaged Citizen

### ENSS 109 - ZOO/GREAT APE PRACTICUM

Supervised experience in daily practices and routine protocols used in captive animal management. Conducted at off-campus locations.

2.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 111 - INTERNATIONAL ENVIRONMENT SEM

The International Environmental Seminar enables students to gain an appreciation of the ecological and social aspects of environmental issues through an intense immersion experience in a developing country. Students will explore aspects of sustainable development and environmental justice within a specific national context. In general, discussion topics will include tropical ecology, the politics of land use, the effects of conflict on environmental systems, and the interaction between economic development and sustainability. Permission of

the Instructor is required.

3.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Engaged Citizen, Global and Cultural Understand

#### ENSS 115 - ENVIRONMENTAL FIELD COURSE

Extended outdoor experience on an environmental topic. Contact ENSS department for details.

0.000 TO 6.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 119 - REGIONAL ECOLOGY

An in-depth study of the ecology of a specified region or type of ecosystem, which will be specified on a per-semester basis. The course will analyze the ecological structure and function of the region, the interaction between humans and both the biotic and abiotic components of the ecosystem, and how our current understanding of conservation science and policy affects our ability to formulate management and regulatory strategies to facilitate sustainable development. May be repeated for credit once, with change of region.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Engaged Citizen, Life Science

#### ENSS 125 - CONSERVATION BIOLOGY

Application of ecological theory to managing Earth's biodiversity. Includes consideration of ethical and political frameworks, definitions of species, population genetics, landscape ecology, design of parks and preserves, ecology, and sustainable development. Features case study approach, student-led discussions of primary literature, lab and field experiences including a required weekend trip. Prereqs: BIO 117-118L or consent of instructor. Cross-listed with BIO 125. Laboratory required.

0.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 127 - ENDANGERED SPECIES CONSERV

This course addresses the challenges of species conservation, with a focus on endangered species, from a global perspective. Topics will include relevant treaties and laws (e.g., CITES and the U.S. Endangered Species Act), the development of the IUCN red list, and Species Survival Plans used in captive animal population management. This course also will study how scientists apply the principles of conservation biology in the developing world, and how emerging socioeconomic challenges place increasing pressure on biologists to find innovative ways to merge science and policy.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 128 - ZOO BIOLOGY

This course will provide an overview of the field of zoo biology, with emphases on the role of zoos in conservation, species survival plans, captive management of small populations of exotic animals (especially including endangered species), and the use of behavioral research and environmental enrichment methods in captive animal welfare. The course typically will meet at Blank Park Zoo and will have a significant component of experiential learning.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 135 - GLOBAL CLIMATE CHANGE-SCI/POL

An interdisciplinary investigation of anthropogenic global change, using "global warming" as a semester-long case study. Students learn an effective approach to investigating a major environmental issue by first obtaining a strong scientific background in the issue, building computer and conceptual models to test scenarios, and finally investigating various policy options. Climate physics, paleoclimatology, biology, uncertainty analysis, economics, and risk assessment are some of the tools students will learn to apply to these issues.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
LPS Public Policy Course, Physical Science

### ENSS 138 - WATER RESOURCES AND POLICY

We will explore the management of water resources and policy in the United States, from the local to national level, and countries across the globe. The field of water resources and policy is inherently interdisciplinary, and we will be analyzing issues from legal, social, economic, and ecological perspectives. The course is designed to enhance the critical thinking skills of all students through readings, involved discussions, independent research paper, and a group synthesis at the end of the semester.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 150 - ADVANCED TOPICS IN ENV SCI

A forum for new, advanced-level academic inquiries into environmental science and sustainability. See ENSS director for details.

0.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Environ Sci & Sustainability Department

### ENSS 151 - SUSTAINABILITY & RESILIENCE

Sustainable systems are those that can continue their core functions indefinitely without degradation; resilient systems are those that can continue their core functions in the face of rapid, and often unexpected, change. In this course we explore what makes something sustainable and resilient and develop techniques to measure and assess environmental, economic, and social sustainability and resilience in real-world systems and institutions.

4.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture/Lab Combo, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Community Engaged Learning

### ENSS 153 - ECOLOGICAL ECONOMICS

In this course we will investigate interactions between ecological and economic systems. We will investigate the sources of environmentally-relevant market failures, and discuss under what circumstances different types



of market mechanisms (such as taxes and cap-and-trade) might lead to more economically efficient outcomes. We will also investigate some of the basic assumptions of neo-classical economics (an "empty world" pre-analytic vision, utility maximization), and ask questions like "Under what circumstances economic growth may be problematic?" and "What is the economy really for?"

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 154 - ENVIRONMENTAL DECISION MAKING

In this course, students will take a look at some of the most widespread quantitative techniques for environmental decision-making, including dynamic modeling, cost-benefit analysis, contingent valuation, and risk/uncertainty analysis. We will construct simple computer models and analyses to get a good sense of what these tools can do and where they break down. Students will learn how to use these tools and how to be a skeptical consumer of information provided by others. Along the way, we will explore ethical, scientific, and practical critiques of the use of these techniques, and explore how the worldviews of various disciplines clash when dealing with the application of various quantitative environmental policy tools.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 156 - ENVIRONMENTAL POLITICS/POLICY

The objectives in this course are to present theoretical models and case studies that familiarize students with the fundamental processes that produce environmental policy. Environmental Politics and Policy provides an analytical framework for making sense of the origin and limitations of landmark legislation. Prereq.: POLS 001 or ENSS 035 or instructor's consent. Cross-listed with POLS 156.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Engaged Citizen

#### ENSS 157 - ENVIRONMENTAL JUSTICE

Environmental justice explores the hypothesis that hazardous industrial activity occurs disproportionately in lower income and/or minority neighborhoods. We will look first at the way that knowledge about toxic hazards enters the public sphere, as well as the role of experts and citizens interpreting that information. Then we examine the history of the environmental justice movement, current policy choices and numerous case studies.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Values and Ethics

#### ENSS 159 - ZOO/GREAT APE INTERNSHIP

Supervised practical experience in husbandry, management, and research in a captive animal setting. Involves progressively greater responsibility and probable involvement in research, depending on the performance of individual student. Specific work assignments will vary based on the needs of the host institution and the individual professional goals of the student.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 162 - HYDROLOGY

The study of hydrology investigates the movement and cycle of water throughout the Earth system, from the flow of water in streams and aquifers to evapotranspiration and precipitation within Earth's atmosphere. We will discuss the foundational theories and concepts governing the movement of water, investigate how water forms landscapes, and explore our role in the global water cycle.

0.000 OR 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 163 - SUSTAINABLE COMMUNITIES

This course explores how concerns about social equity, environmental welfare, and resilience in the face of rapid and disruptive change are shaping the character of human communities in the 21st century. Using ideas from the interdisciplinary fields of urban studies and community planning, students will investigate how processes of political advocacy, decision making, and sustainable design are occurring in cities, suburbs, and towns. The course also includes a community-engaged learning component that will bring students into dialogue with planners and residents in the city of Des Moines.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
Engaged Citizen

### ENSS 165 - APPLICATIONS OF GEOG INFO SYST

This course acquaints students with "real world" GIS solutions by taking a project from concept to completion; this includes generating project proposals, acquiring and creating data, performing spatial analysis, project presentation, and product delivery. Students learn to identify issues at all phases of a GIS project and work with the client and fellow team members to creatively solve problems. Client and consultant relationships are established by working with Central Iowa agencies and organizations. Students are exposed to internship opportunities and are able to network with professionals in a variety of fields.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 168 - DYNAMIC ENVIRONMENTAL MODELING

Dynamic models are critical tools in the analysis of time-dependent systems. Many environmental systems are dynamic in this way: local populations may fluctuate in response to the appearance of a nonnative species; the risk associated with a pulse of pollutants may depend upon how quickly downstream mixing can occur; and the adaptation ability of species might be a function of the rate of change in ecological conditions. In this course, we will construct dynamic models, learn how to parameterize them even in the face of imperfect data, and discuss generalized patterns exhibited by complex environmental systems, such as overshoot, resilience, oscillations, and chaos. Prereq: any college-level mathematics or statistics course.

3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 187 - HISTORY OF THE ENVIRONMENT

The environmental history of the continent and nation stretches from geologic time to the present. This course begins by defining different aspects of environmental history and introduces ways that the environment has been influential in shaping past human experience, as well as how humans have in turn shaped the environment. While surveying the sweep of American history through the lens of environment, special attention will be paid to historicizing present-day topics. Themes include the interconnectedness of people and nature, health (ecological and social health is an environmental issue), and the link between local and global. The course balances the physical (rocks, conservation and ecology) and the cultural (ideas, perceptions and images) environment.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 188 - URBAN ENVIRONMENTAL HISTORY

Earn your urban ranger patch! study the history of urban environments, the place of the city in American culture, the development of cities and suburbs, and the city's role in regional and global environmental issues. With the class, explore urban ecology and the evolution of infrastructure, like sewers, waterworks and transportation networks. Potential main topics include urban planning, campus sustainability. New Orleans and historicizing Hurricane Katrina, and Midwestern flooding. Subjects engaged over time and in multiple cities include: environmental justice, tension over resource management, industrialization, food supply, and geography's relation to social structure. Includes a research project.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Environ Sci & Sustainability Department

### ENSS 191 - ENV SCI & SUST PRACTICUM

A seminar that brings aspects of biology, chemistry, geology and policy formulation to bear on a contemporary environmental topic such as energy, soil conservation, hydrology, climate change, land use planning, sustainability or ecosystem ecology. May involve construction of models, performance of simulations or empirical tests. Open as an elective to all Drake seniors; required capstone for ENSS seniors.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Environ Sci & Sustainability Department

Course Attributes:  
LPS Public Policy Course

### ENSS 193 - ENVIRONMENTAL LAB ASSISTANT

Directed experience in laboratory instruction. May involve helping staff with set-up, conducting and evaluating of lab and field experiences. In preparing to help students learn material, assistants have the opportunity to re-examine their own knowledge and acquire practical experience alongside a teaching mentor. By invitation or approval of instructor for specific ENSS offerings.

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 196 - ENVIRONMENTAL INTERNSHIP

Extended, usually off-campus experience involving an environmental theme. May include work in local or state government, with law or consulting firms, conservation groups, nature centers or news agencies. Written report or public oral presentation upon completion. Prereqs: BIO 001 or equivalent, CHEM 002/004, ENSS 035-036, and consent of director.

1.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 197 - ENVIRONMENTAL RESEARCH

Extended experience developing a particular scientific question concerned with the environment. May be of independent design or part of larger projects mentored by academic, government, or industry scientists. Collaborative, but student must take the lead in acquisition and analysis of data. Written report or public oral presentation upon completion. Prereqs: BIO 001 or equivalent, CHEM 002/004, ENSS 035-036, and consent of director.

1.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Environ Sci & Sustainability Department

#### ENSS 198 - INDEPENDENT STUDY

Involves student-led inquiry into an environmental topic of interest as approved by the director and in association with at least one faculty mentor. Culminates in written report; other details arranged.

1.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Environ Sci & Sustainability Department

#### ENTR 0-- - ENTR LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## ENTR 001 - PROFILES IN ENTREPRENEURSHIP

This course is an examination of the lives of entrepreneurial leaders. Through written profiles and discussions with visiting entrepreneurs, students will learn about the challenges entrepreneurial leaders encounter and how they overcome those challenges. They will gain insight into the personal principles and characteristics of successful entrepreneurial leaders. Students will consider the importance of entrepreneurship in the U.S. and in the global economy, and they will explore opportunities to apply an entrepreneurial mindset in large corporations, not-for-profits, and government. Students will also explore how well they are personally suited to entrepreneurship and begin to develop the skills and mindset of a successful entrepreneur.

1.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## ENTR 1-- - ENTR UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## ENTR 101 - INTRO TO ENTREPRENEURSHIP

This course is intended to introduce students to entrepreneurship and the vital role entrepreneurs and innovation play in the global economy. We will explore, critique and celebrate entrepreneurship as a way of acting and, perhaps more importantly, as a way of thinking. We will develop tools students can use to recognize opportunities, appraise them and capitalize on them. Innovation is at the heart of entrepreneurship, and we will strive to develop innovative thinking and problem solving in all areas of this course. This is the cornerstone course for our Entrepreneurship program. Complemented with other business courses culminating with the capstone, Creating a Business, our goal is to provide students the opportunity to discover how well they are personally suited to entrepreneurship and to develop the skills and mindset of a successful entrepreneur. Prereq.: sophomore standing.

3.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## ENTR 150 - ENTREPRENEURSHIP-THE BUS MODEL

This course is intended to advance student's understanding of entrepreneurship and the entrepreneurial process. In developing a framework for the entrepreneurial process students will learn to evaluate and select opportunities for entrepreneurial ventures. They will learn to develop business concepts and business models to capitalize on those ventures. Students will learn to apply fundamental accounting, finance and marketing principles in developing entrepreneurial business models. This is not a business planning course; students will acquire the basic tools needed to plan for and create a sustainable business. We will strive to develop and innovate thinking and problem solving in all areas of this course. Our goal in this course is for non-Entrepreneurial Management majors to further develop the skills and mindset of a successful entrepreneur. Together with other business courses culminating with the capstone, Creating a Business course, this course will allow students to explore how well they are personally suited to entrepreneurship and to develop the basic

skills needed to identify and build a sustainable model. Prereq.: ACCT 041 and ENTR 101.

3.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### ENTR 190 - CREATING A COMPANY

A capstone class in entrepreneurial management. The primary objective is to have each student team develop an entrepreneurial concept into a plan based on an existing or new start-up. The course focuses on development of a business plan/action, incorporating all functional areas of the business, for presentation to venture capitalists or bankers. The plan will include an action plan and timetable for the business to implement and measure their success and progress. Coverage will also include the various opportunities available as an entrepreneur - manufacturing, retail, wholesale, services - and performance of case analyses to broaden the student's scope of learning. Prereq.: ENTR 150 and Senior standing.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### ENTR 198 - TOPICS IN ENTREPRENEURSHIP

Timely or innovative course in entrepreneurship. Not scheduled regularly.

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

#### ENTR 199 - ENTR INDEPENDENT STUDY

Individual advanced study and research under faculty supervision.

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Independent Study

#### ERM 230 - Independent Study

Advanced individual study or research under the supervision of the faculty.

1.000 TO 3.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

#### ERM 298 - SEMINAR ENTERPRISE RISK MGMT

In-depth examination of how organizations identify, analyze and manage risk; emphasis is on operational and financial risk, with some attention paid to other enterprise risks. Prereq.: Graduate standing or consent of the

Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

FA 0-- - FA LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

Course Attributes:  
Artistic Experience

FA 1-- - FA UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

FIN 0-- - FIN LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Finance Department

FIN 095 - MANAGING INDIVIDUAL FINANCES

This course introduces students to the processes involved in managing individual finances. It is intended to provide practical tools that enable the development of personal financial plans and the management of personal finances. Specific topics include: investments (stocks, bonds, mutual funds, etc.), credit cards, loans, income and expense decision making, analyzing property acquisition (housing, cars, etc.), tax issues, and retirement/investment planning.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate



Schedule Types: Lecture, Web Instructed

Finance Department

FIN 1-- - FIN UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Finance Department

FIN 101 - CORPORATE FINANCE

A study of the finance function in corporate decision making. Topics include analysis of the time value of money, capital budgeting, risk and return, the acquisition and allocation of capital, and the special problems associated with international financial decision making. Prereq.: ACCT 042, IS 044; ECON 002; one of STAT 071, STAT 130, MATH 130, ACTS 131 or MATH 131.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Finance Department

FIN 102 - ADVANCED CORPORATE FINANCE

This course provides a rigorous re-examination, extension and application of topics covered in FIN 101. Special emphasis is given to capital budgeting complications, real options in a capital budgeting context, capital structure, and dividend policy. Prereq.: ECON 010; FIN 101; MATH 028 or higher; one of STAT 072, STAT 170 or ACTS 135.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Finance Department

FIN 119 - FIN INSTITNS, INSTRUMNS & MKTS

A study of fixed-income and derivative securities: the financial institutions that hold them, the global markets in which they trade, the economic laws that determine their price and yield, and their application in financial engineering. Prereq.: FIN 101, and FIN 121.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Finance Department

#### FIN 121 - INTRODUCTION TO DERIVATIVES

Derivatives and their use in managing risk; forwards, futures, options, swaps; hedging and speculative strategies based on options; option pricing; Black-Scholes formula + Option Greeks. Prereq.: One of STAT 071, STAT130, MATH 130, ACTS131 or MATH 131; MATH 028 or higher; one of FIN 101 or ACTS 120.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Finance Department

#### FIN 129 - FIN MGMT INSTITUTNS

A study of the finance function within commercial banks and related non-bank institutions. Topics include banking structure and regulation, the analysis of bank financial statements, modern techniques of asset/liability management, the lending function, capitalization, and the internationalization of the industry. Prereq.: FIN 101.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Finance Department

#### FIN 170 - INTERNATIONAL FINANCE

Topics in international finance of relevance to finance and international business majors. Topics typically include the balance of payments, currency valuation and fluctuation, international capital markets, financial instruments arising in international trade, multinational business finance, international banking, and student-chosen topics. Prereq.: FIN 101

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Finance Department

#### FIN 190 - EQUITY VALUATION & ANALYSIS

The purpose of this course is to teach students how to estimate the per-share intrinsic value of a publicly traded company. After understanding and analyzing the business, students make forecasts of future net cash flows and economic profit. Valuation is performed using both discounted net cash flows (free cash flows) and economic

profit. The course is conducted as a seminar. Topics include: the importance of net cash flow and value; analyzing historical performance; forecasting performance, net cash flows and economic profit; applying the cost of capital; and valuation models. Prereq.: FIN 102, senior standing and permission of the instructor. Recommended: Investments track of the finance major, and ACCT 165 and ACCT 166.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Finance Department

### FIN 193 - PORTFOLIO ANALYSIS

Topics in portfolio selection and management, including the Markowitz E-V efficient model, Sharp Index model, capital market equilibrium, arbitrage pricing, and performance evaluation. Prereq.: FIN 101, FIN 102, and FIN 121.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Finance Department

### FIN 197 - SEMINAR IN FINANCE

Capstone course in the undergraduate finance program featuring the application of financial principles. The course should be taken at the end of the finance program. Topics may include, but are not limited to financial forecasting and working capital management, capital budgeting and cost of capital, capital structure and dividend policy, corporate financing, financial restructuring, mergers and acquisitions, firm valuation, international finance, derivative security analysis, and security valuation. Prereq.: Senior standing, FIN 102 and one of FIN 119, FIN 129 or FIN 193.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Finance Department

Course Attributes:  
Information Literacy

### FIN 198 - SPECIAL TOPICS IN FINANCE

Timely or innovative course in finance. Not scheduled regularly.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Finance Department

#### FIN 199 - INDEPENDENT STUDY

Individual advanced study and research under faculty supervision.

1.000 TO 8.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Finance Department

#### FIN 200 - BLOOMBERG CERTIFICATION

Students will become familiar with Bloomberg tools and applications.

0.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Finance Department

#### FIN 230 - INDEPENDENT STUDY

Advanced individual study or research under the supervision of the faculty.

1.000 TO 3.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

Finance Department

#### FIN 260 - PRINCIPLES OF REAL ESTATE

This course provides foundational concepts, terminology, and skills for the real estate sector. To understand the value of commercial property rights, students learn the roles of equity investors, debt, and government including land use regulation. Students build fundamental skills for valuation, financial analysis, market analysis, and risk assessment and gain an understanding for how commercial real estate investments are capitalized using a combination of leverage and ownership structures. Prerequisites: Approval of the Assistant Dean of Graduate Programs.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

### FIN 261 - REAL ESTATE FINANCE

This course provides the fundamental understanding for assessing the value of real estate assets along with the financing instruments and their appropriate use. Prerequisites: Fin 260 or MBA 253 or approval of Assistant Dean of Graduate Programs.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

### FIN 262 - URBAN DEV, SUS, & SOC IMPACT

Urban Development, Sustainability and Social Impact – this course creates an understanding of the underlying policy and social issues that are intertwined with real estate development – from zoning and planning requirements to broader social impact issues. What are the financial building blocks available to investors? How do environment and sustainability issues affect development initiatives? Prerequisites: Recommended: Fin 260 or equivalent professional experience or MBA 253 or approval of Assistant Dean of Graduate Programs.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

### FIN 280 - INVEST ANALYS & PORTFOLIO MGMT

This course covers selected investment topics and advanced portfolio management techniques. Topics include modern developments in asset pricing, portfolio theory, analysis and valuation of equity and fixed income securities and analysis of alternative investments such as options and investment companies. Prereq: MBA 253, graduate standing, and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Finance Department

### FIN 281 - REGULATORY ENVIRONMENT FIN INS

This course provides an overview of the role of financial institutions in the economy, the markets they operate in and the regulatory environment that impacts them. Students will develop an understanding of the different intermediation roles played by financial institutions and how the current regulatory environment is impacting their daily management. Prereq.: MBA 253, graduate standing, and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Finance Department

#### FIN 284 - ANALYSIS FIXED INCOME SECURITI

Analysis of Fixed Income Securities and Related Derivatives, 3 Credit hours. The class will present an in-depth examination of the markets in which fixed income securities and related derivatives trade; the application of both types of securities by market participants; the economic laws that determine their value; and their application of risk management. Prereq.: MBA 253, graduate standing, and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### FIN 285 - EQUITY VALUATION

In this course, students will apply their knowledge of the firm, the industry, and the economy to estimate the value that managers have created and are expected to create in the future. Student will gain the ability to value a business, or more precisely, value a share of the business's common stock. The goal of the valuation is to determine a firm's intrinsic value with a focus on long-term value creation, and not on short-term speculation. Prereq.: MBA 253, graduate standing, and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### FIN 286 - RISK MANAG/FIN INSTITUTIONS

This course is designed to introduce students to the sources of risk impacting financial institutions and an in-depth analysis of current methods used by financial institutions to measure and manage those risks. The course will focus on the integration of risk management across business lines to develop comprehensive risk management policy for the institution and the application of the policy to strategic decisions impacting both short-run and long-run operations of the institution. Prereq.: MBA 253, graduate standing, and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

#### FIN 288 - FUTURES,OPTIONS, & SWAPS

This course is designed to provide an in-depth analysis of future, option, and swap contracts as well as an introduction to other derivative instruments. The class will address the markets and mechanisms in which derivatives trade, the valuation of specific derivative assets, and the application of derivatives to the financial

management of firms. Prereq.: MBA 253, graduate standing, and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

#### FIN 298 - CURRENT ISSUES IN FINANCE

Special topics seminar. Topics vary. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Finance Department

#### FIN V-- - Finance with validation

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### FREN 0-- - FREN LOWER LEVEL TRANSFER CR

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

World Languages and Cultures Department

#### FREN 001 - BEGINNING FRENCH I

An introduction to the target language establishes a solid foundation of conversational, reading, writing, and listening comprehension skills. A cultural component is integrated with the language studies. Learners work with a combination of textbooks, workbooks, audio, video, software, and online materials.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### FREN 002 - BEGINNING FRENCH II

A continuing introduction to the target language builds on conversational, reading, writing, and listening comprehension skills. A cultural component is integrated with the language studies. Through directed independent study, learners work with a combination of textbooks, workbooks, audio, video, software, and online materials.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand, International & Multicultural

#### FREN 051 - INTERMEDIATE FRENCH I

A continuation of courses for intermediate learners leading to the acquisition of fluency in the target language. Students work with a combination of textbooks, workbooks, audio, video, software, and online materials.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### FREN 052 - INTERMEDIATE FRENCH II

A continuation of courses for intermediate learners leading to the acquisition of fluency in the target language. Students work with a combination of textbooks, workbooks, audio, video, software, and online materials.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand, International & Multicultural

#### FREN 1-- - FREN UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Modern Language Department

#### FREN 140 - FRENCH PRTCL SPKG&WRTG

This course focuses on practical/authentic written and oral communication skills and students are expected to be able to function in the target language environment utilizing the basic knowledge they have learned in the previous courses.



0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### FREN 150 - FRENCH LANG & CLTR

This is a topics course for advanced language learners. Students may repeat this course as the topic changes.

0.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### FREN 151 - NATNL IDENTITY-TRANSNATNL AGE

French 151 is a course designed to introduce advanced-level students to the history and culture of France. Students will explore the issues of French culture that arise as its national identity is challenged by the strengthening of transnational and sub-national identities. As students explore France's historical development, they will analyze aspects and issues of its social, economic, artistic, intellectual, and political life in an attempt to build global awareness and understanding among citizens of the world. The course is taught in French.

3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand

#### FREN 152 - FRENCH FILM

Students view, discuss, and write about French-language films in French. Students demonstrate knowledge of the culture necessary for a broader understanding of the films through discussion and writing.

0.000 OR 3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand

#### FREN 160 - FRENCH LANG & LIT

A course for language learners with advanced skills that aims to enhance fluency in the target language and develop greater knowledge of its literatures. Students research a specific literary topic, work, or genre in the language under study, then present and explore their findings.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### FREN 170 - INDEPENDENT STUDY

Students enrolled in this course utilize their language skills to pursue an area of interest while working directly with a professor of the language.

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Independent Study, Web Instructed

#### FYS 0-- - FYS REQUIREMENT

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

#### FYS 001 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

#### FYS 002 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours  
0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

#### FYS 003 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 004 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours

0.000 TO 3.000 Lecture hours

0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 005 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 006 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours

3.000 Lecture hours

1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Athletic Training Department

FYS 007 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 008 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 009 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 010 - FIRST YEAR SEMINAR

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 011 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 012 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 013 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 014 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 015 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 016 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 017 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 018 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 019 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 020 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 021 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Interdisciplinary St Info Tech Department

FYS 022 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Interdisciplinary St Info Tech Department

FYS 023 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 024 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 025 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 026 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 027 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 028 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

### FYS 029 - FIRST YEAR SEMINAR

Running is a sport unto itself but also integral to other sports such as soccer, lacrosse, rugby, football, and baseball/softball, to name just a few. Even more Americans enjoy running as a regular recreational activity. It takes many forms including recreational and competitive, short and long distance, on flat-surfaced and cross-country. In this FYS, we will examine running from three main perspectives: body (the biology of running), mind (the psychology of running), and sole (running in global, social, and economic contexts). The course emphasizes scientific aspects of running, including the history of its study, understanding how and why we run, current research techniques and philosophies, and the ability to think critically, logically, and rationally about literature on running or marketing claims about running-related sports products such as running shoes. Students will regularly be engaged in writing about running through multiple contexts, such as their own experiences inside and outside of class, as well as in response to others' writings on running.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

### FYS 030 - FIRST YEAR SEMINAR

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

### FYS 031 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

### FYS 032 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed



University Seminar Department

FYS 033 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 034 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours

0.000 TO 3.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 035 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 036 - FIRST YEAR SEMINAR

0.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 037 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 038 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

FYS 039 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

FYS 040 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 041 - FIRST YEAR SEMINAR

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 042 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 043 - DIVERSITY

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 044 - LEADERS/OPERATIONS MGMT

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 045 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 046 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 047 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 048 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 049 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

University Seminar Department

FYS 050 - FIRST YEAR SEMINAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

University Seminar Department

FYS 090 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lab, Web Instructed

FYS 091 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lab, Web Instructed

FYS 092 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lab, Web Instructed

FYS 093 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lab, Web Instructed

FYS 094 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lab, Web Instructed

FYS 095 - FIRST YEAR SEMINAR

0.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lab, Web Instructed

GEOG 0-- - GEOG LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Geology/Geography Department

GEOG 1-- - GEOG UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Geology/Geography Department

GEOG 198 - INDEPENDENT STUDY

Independent study of geographic topics suited to the interest and/or needs of the student. Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Geology/Geography Department

GEOG 199 - INDEPENDENT STUDY

Independent study of geographic topics suited to the interest and/or needs of the student. Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Geology/Geography Department

GERM 0-- - GERM LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

World Languages and Cultures Department

GERM 001 - BEGINNING GERMAN I

German 001 is the first semester of a two-semester introductory course to the German language and the cultures of German-speaking Europe. This course emphasizes communication and the development of listening, speaking, reading and writing skills in German. Students will also become familiar with the cultures of German-speaking Europe and the influence of these cultures beyond Europe .

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

GERM 002 - BEGINNING GERMAN II

German 002 is the second semester of a two-semester introductory course to the German language and the cultures of German-speaking Europe. This course emphasizes communication and the ongoing improvement of listening, speaking, reading and writing skills in German. Students will also become increasingly familiar with the cultures of German-speaking Europe and the influence of these cultures beyond Europe.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

Global and Cultural Understand, International & Multicultural

### GERM 051 - INTERMEDIATE GERMAN I

A continuation of courses for intermediate learners leading to the acquisition of fluency in the target language. Students work with a combination of textbooks, workbooks, audio, video, software, and online materials.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

### GERM 052 - INTERMEDIATE GERMAN II

A continuation of courses for intermediate learners leading to the acquisition of fluency in the target language. Students work with a combination of textbooks, workbooks, audio, video, software, and online materials.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

Global and Cultural Understand, International & Multicultural

### GERM 1-- - GERM UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture

World Languages and Cultures Department

### GERM 140 - GERMAN PRTCL SPKG&WRTG

German 140 is a course in German in which spoken and written communication are emphasized in order to develop the reading and writing skills necessary to comprehend, discuss and produce authentic-sounding German texts. Students will be able to comfortably and accurately express themselves in German after being introduced to a series of cultural readings including some literary selections.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

### GERM 150 - GERMAN LANG & CLTR

This is a topics course for advanced language learners. Students may repeat this course as the topic changes.

0.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### GERM 152 - GERMAN FILM

Students view, discuss, and write about German-language films in German. Students demonstrate knowledge of the culture necessary for a broader understanding of the films through discussion and writing.

0.000 OR 3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand, International & Multicultural

#### GERM 170 - INDEPENDENT STUDY

Students enrolled in this course utilize their language skills to pursue an area of interest while working directly with a professor of the language.

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Independent Study, Web Instructed

#### H-AG 0-- - H-AG LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Psychology Department

#### H-AG 1-- - H-AG UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Psychology Department

#### HIST 0-- - HIST LOWER DIVISION

0.500 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate



Schedule Types: Lecture

History Department

### HIST 001 - PASSAGES TO 1750

This course begins with a comparison of the feudal societies that existed before 1500. It then traces the origins of capitalism in Western Europe and the subsequent impact of Europe on Africa, Asia and the Americas. It also examines the areas that lay beyond this new world system and closes with a look at the winds of change that were blowing in many parts of the globe by 1750.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Historical Foundations

### HIST 002 - PASSAGES SINCE 1750

This course begins with discussion of the industrial and democratic revolutions that transformed the Western world from 1750 to 1870, and then analyzes the imperialist surge of the late 19th and early 20th centuries. It next explores the relationship between these events and the two world wars, global depression and revolutions that characterized the 1914-1945 era. Finally the course examines the stunning global changes that have occurred since the 1950s.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Historical Foundations

### HIST 005 - WORLD ENVIRONMENTAL HISTORY

In 1972, astronauts on Apollo 17 brought a stunning image back to Earth that gave humanity a new perspective. This "selfie" of planet Earth, called "the blue marble," was unique because the sun was positioned to illuminate the entire planet. The image of a whole planet suspended in space occurred amidst the modern environmental movement and is symbolic of global environmental history. Environmental processes--both natural and anthropogenic-- have been occurring for millenia. These processes do not observe political boundaries nor can they always be observed in the short-term, therefore histories focused on national history have limitations. This course examines the interplay of human and natural history over the longue duree (long term). Aspects we will consider during the last 10,000 years with a focus on the last 1000 include agriculture, colonialism, industrialization, urbanization, climate change, and ways technological and cultural changes have

shaped history.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

#### HIST 015 - SELECTED INTRO TOPICS IN HIST

An introductory examination of a selected set of issues. This class is designed to introduce students with little or no background in history to a particular period, region, or set of historical issues. Particular topics to be determined.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations

#### HIST 021 - EAST ASIAN TO 1600

The formation, evolution and expansion of the major cultural centers of Asia, including India, China and Japan. The principal themes are the origin and growth of various philosophies and the development of major economic, social and political trends.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Global and Cultural Understand, Historical Foundations

#### HIST 022 - EAST ASIAN SINCE 1600

The transformation of East Asian societies from the arrival of Europeans to the present. The principal themes are the impact of the West, the modernization of Asia, the inception of nationalist and communist movements and major economic, political and social developments.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Global and Cultural Understand, Historical-Breadth, Historical Foundations, Historical Consciousness, International & Multicultural

### HIST 025 - FOOD HISTORY

Eating is more than sustenance. It is an evolutionary, biological, political, social and environmental act; it is an expression of culture; it forms the backbone of economies and undergirds relationships. In fact, what isn't eating? These are all ideas that we will consider in various eras and places because food and the eating of it have changed over time. Most of our readings privilege U.S. food history, but we'll connect local and global issues and places by looking at subjects like sugar, coffee, and corn. These subjects will illuminate colonial and industrial food production and the increasing globalization of the food system.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

### HIST 060 - AFRICA IN WORLD HISTORY

HIST 060 is a survey of important issues in sub-Saharan Africa's history from approximately 1500 C.E. to the present. It is designed to accomplish two goals. One, to analyze the major forces that have caused social, political, and economic change from c.1500 to the present both within sub-Saharan Africa and between this region and the world. Two, to understand how these historical changes have contributed both to the region's current political systems, economies, and societies and to its global relationships. The course pursues one major theme to accomplish these goals - it focuses on how actions Africans have taken have affected the course of the continent's history and sub-Saharan Africa's interaction with the world.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Global and Cultural Understand, Historical Foundations

### HIST 067 - SUSTAINABLE DEVELOPMENT AFRICA

This course is a study abroad course designed to take at least two steps towards educating Drake students as global citizens who are prepared to operate in a global economy. On the one hand, it will take students from Drake to an area of the world-sub-Saharan Africa-that is many ways distinctly different culturally, politically, ethnically, and economically from the U.S. On the other, it will also take students to a country in sub-Saharan Africa where they can focus their attention on issues that face these distinctly different countries as they

become increasingly integrated into a global world. To accomplish these steps, the content of the course will focus on the circumstances people in these countries face as they try to achieve sustainable development while operating in a neo-liberal international business climate. Special attention will be directed towards analyzing infrastructure development, entrepreneurship, microfinance constraints, constitutional development, the colonial legacy and the transition to political democracy/pluralism, and the impact of HIV/AIDS on very poor countries.

6.000 Credit hours  
6.000 Lecture hours  
0.000 Lab hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

History Department

Course Attributes:  
Engaged Citizen, Global and Cultural Understand

### HIST 071 - EXPL US HIST THROUGH POP FILMS

This course provides a breadth of knowledge in American history. Each week's subject is explored through popular films. Each week's historical lesson builds on the last, so students will progress in their ability to think like a historian. By reading and viewing primary sources, students will consider the changing experience of Americans and will assess the stories that original source documents, films, and personal experiences reveal. We also will consider how historians' interpretations of the subjects have changed. The course requires active participation.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations

### HIST 075 - US HIST TO 1877

The course is divided into two periods. The 1607-1820 era witnessed the destruction of millions of native Americans; the formation of prosperous farming communities; the development of an independent society that was good for whites but oppressive for blacks; and the transformation of the family system. From 1820 to 1877, a new industrial society emerged, which led to increased north-south tensions, finally leading to the Civil War and Reconstruction.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## History Department

Course Attributes:  
Historical Foundations

### HIST 076 - US HIST SINCE 1877

The course is divided into two periods. From 1877 to 1920, rapid industrialization both created a new social order and generated profound economic, political and cultural tensions. Since 1920, the lives of most Americans have been shaped by the growing power of the state and large corporations, the development of mass culture, international tensions, and the attempt to create equality for women and racial minorities.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## History Department

Course Attributes:  
Historical-Breadth, Historical Foundations, Historical Consciousness

### HIST 078 - GREENWICH VILLAGE & HARLEM:INQ

This course introduces first- and second-year students to historical inquiry. It is neither a lecture course nor a discussion-based seminar. Think of it as a guided exploration in which you will begin to develop some of the critical habits of mind and analytical skills of history and learn to question how you know what you think you know about that past. Students will participate in two historical role immersion games set in Greenwich Village and Harlem at the beginning of the 20th century, while reading and learning a great deal about the history of that period in U.S. history. Course pedagogy will emphasize practicing critical, contextualized readings of primary and secondary sources; creating opportunities for developing historical empathy and learning about how historical context and contingency matter; analyzing change over time; and piecing together multiple kinds of evidence to construct reasoned, persuasive written and oral arguments. The course fulfills the historical foundations A.O.I.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## History Department

Course Attributes:  
Historical Foundations, Women's Studies Course

### HIST 079 - THE COLD WAR THROUGH FILM

This course explores the history of the Cold War through the medium of film. The focus is primarily on the American side of the Cold War, both internationally and domestically, and chiefly utilizes American produced films. Lectures and readings provide context. The coverage is chronological.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations

### HIST 099 - EUROPEAN WOMEN'S HISTORY

A survey course, covering both women's experiences and the shifting definitions of gender in Western and Central Europe and its colonies from 1400 to 1945. Topics include peasant women, the witch hunts, aristocratic women, the female intellectual tradition, factory women, socialists and feminists. Crosslisted with WS 130.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations

### HIST 1-- - HIST UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

History Department

### HIST 100 - DOING HIST: HISTORIAN'S CRAFT

This course is a research and writing seminar designed for sophomores and juniors majoring in history. The course equips students with skills in historical research and writing in preparation for upper-division courses and the research capstone. Students will learn to develop a research question, build bibliographies of primary and secondary sources, interpret those sources from multiple points of view (including a skeptical one), and write historical, evidence-based arguments that demonstrate a nascent understanding of the constructed nature of history. Students will submit drafts for peer review and instructor conferences to bring their research to completion. At the end of the course, students will begin to understand their own subjectivity as a historical researcher, having produced a small, 20-page research paper.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Written Communication

### HIST 105 - MIDWESTERN HISTORY

The plains are defined by the short- and tallgrass prairie from Indiana to the Rockies and from central Canadian provinces to Texas. Historically the plains have been the land of Native nations, were claimed by several European nations, became Indian territory and then the American West, and now are considered the Midwest. Ecologically, this region has undergone vast changes--from prairie to a global breadbasket--which reflect the social and economic changes that have occurred with the re-peopling of the plains, from Cahokia to Chicago. Rather than assume a story of tragedy or triumph, we will discuss the complexity of historical change, how historians have interpreted this region, and discover for ourselves how the past illuminates the present.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

### HIST 112 - CIVIL WAR & RECONSTRUCTION

Political, social and economic forces leading to the disruption of the Union; military action resulting from succession; economic and other non-military factors contribute to ultimate victory for the North; problems of reconstruction facing the United States.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations, Historical Consciousness, LPS Historical Course

### HIST 113 - AMERICA AS WORLD POWER

An examination of the complex factors that shaped American diplomacy from the Wilson administration to the present. Special emphasis is placed on the interwar years, on the transformation of U.S. policy in the 1945-1950 period and on the major dilemmas of the Cold War years.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Historical Foundations, Historical Consciousness, Cat 3 - LPS - LPS conceptions, LPS Historical Course

HIST 114 - US SINCE 1933

An examination of the impact on American society of the Great Depression, the international crisis of the late 1930's, World War II, the Cold War, and the growing domestic unrest of the late 1950s and 1960s.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Historical Foundations, LPS Historical Course

HIST 115 - NATIVE AMERICA

This course aims to understand the history of North American indigenous peoples and to better (perhaps differently!) understand American history. Using primary and secondary sources, we will complicate the "native" experience, explore the historical tensions between peoples and nations, and place Native Americans at the center of the American historical narrative.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Historical Foundations, Women's Studies Course

HIST 123 - MODERN MEXICO

A survey of Mexican history during the national period, from 1821 to the present. The course begins with the disintegration of the Spanish colony of New Spain and the achievement of Mexican independence after a decade of struggle. The course then divides into four sections. The first part examines the political, economic, social, and cultural trends of the turbulent first half of the nineteenth century. The second part focuses on the thirty- five year peace established by dictator Porfirio Diaz. The epic Mexican Revolution of 1910 and its national legacy are the topics of the third section. The final segment explores U.S.-Mexican relations from the Monroe Doctrine to the North American Free Trade Agreement (NAFTA). Dealing with significant border issues such as illegal immigration, narco-trafficking, and the international divisions of labor. Course readings, lectures, and in-class discussions also will emphasize social and cultural history, reflecting the most recent historiographical trends.

3.000 Credit hours



Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Global and Cultural Understand, Historical Foundations, LPS Historical Course

### HIST 124 - AZTECS INCAS MAYAS

This survey introduces students to the fascinating and complex histories of three major Pre-Columbian civilizations: the Aztecs, Incas, and Mayas. All three great empires rose from inauspicious beginnings to reach unprecedented heights in political, social, and cultural development in the Americas. All three were among the first Amerindian cultures to encounter the physical, psychological, technological, strategic, and viral advantages of conquering Europeans in the New World. The course explores the rise, expansion, and collapse of each civilization and concludes with the systematic imposition of Spanish cultural forms in America. Does evidence suggest that these once-flourishing kingdoms had irreversibly decayed at the time of European contact? Or did they contain the seeds of further imperial and capitalist expansion? What evidence exists of Amerindian cultural resistance and survival in the wake of the brutal Iberian conquest? What are the historical legacies of the Aztecs, Incas, and Mayas?

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Global and Cultural Understand, Historical Foundations, Historical Consciousness, International & Multicultural

### HIST 125 - COLONIAL LATIN AMERICA

Latin American history from European contact with indigenous peoples of the Americas through the Wars of Independence. The course is divided into three sections. The first examines the geopolitical, economic, cultural, and environmental impact and consequences of Columbus's voyages; the European conquest of native Americans in the Caribbean, Mexico, and South America; and the imposition of Spanish and Portuguese institutions in the New World. The second section explores the major political, economic, social, and intellectual developments of the colonial period from 1550- 1750. The third and final section examines the eighteenth-century Bourbon Reforms and the disintegration of Spanish and Portuguese America. With this course students will achieve a greater understanding of Latin American culture and gain the necessary historical background for History 126, Modern Latin America.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Global and Cultural Understand, Historical Foundations

### HIST 126 - MODERN LATIN AMERICA

History 126 is a survey of Latin American history during the national period, 1821-present. The course begins with the disintegration of Spanish and Portuguese America and then divides into three parts: 1) the political, economic, cultural trends of the nineteenth century 2) the revolutionary trends of the twentieth century, and 3) inter-American relations during the twentieth century. Each of the three parts is divided into sections devoted to the historical development of individual countries. The first section on the nineteenth century necessarily focuses on the four most important nations of modern Latin America: Mexico, Argentina, Chile, and Brazil. To these four we add Cuba in the second part of the course on twentieth-century revolutions. The third and final section emphasizes the evolution of U.S. diplomatic and commercial relations with Central America and the Caribbean.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Global and Cultural Understand, Historical Foundations, Historical Consciousness, LPS Comparative Course, International & Multicultural

### HIST 128 - IMPERIAL CHINA

This course is primarily intended to help students gain a fuller understanding of the political, socio-economic, and cultural changes in imperial China (300-1800). We will explore the history of China from the collapse of the Han empire in the third century to the zenith of the Qing empire in the eighteenth century. This course also challenges the stereotype of a monolithic and static (or "ancient") China by encouraging students to develop a more critical and complicated understanding of the historical forces integrating and dividing that entity we now call "China". No pre-requisites.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Global and Cultural Understand, Historical Foundations

### HIST 129 - MODERN CHINA

This course is an introduction to the history of China from the seventeenth century to the present day. The course will explore the momentous changes in the relationship between state and society from the founding of the Qing empire (1636-1912) to the establishment of the People's Republic of China (PRC). Topics to be studied include the rise of the Manchus, imperialism, rebellions, the self-strengthening and reform movements, nationalism, and revolution (political, social, and cultural) during this period of Chinese history. No prior knowledge of Chinese history is assumed or required.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Global and Cultural Understand, Historical Foundations, Historical Consciousness, Cat 3 - LPS - LPS conceptions, LPS Comparative Course, International & Multicultural

### HIST 133 - EUROPE 19TH CENTURY

From the fires of the French Revolution to the "guns of August" beginning WWI, the course covers those aspects of nineteenth-century Europe - imperialism, class politics (socialism), feminism, technological development, and industrial capitalism - necessary to understand the 19th century was not peaceful, and that WWI was perhaps the most likely outcome.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Historical Foundations, LPS Historical Course

### HIST 135 - HISTORY OF IMPERIAL RUSSIA

In this course we will examine some of the native developments and foreign influences that most affected the course of Russian history throughout the reign of the Romanov dynasty. This course is a historical overview of imperial Russia which scholars have traditionally construed as beginning with the reign of Peter the Great and lasting to the Russian Revolution of 1917. While adhering to the end date of this period, we will begin our investigation of this period much earlier with the establishment of the Russian state. Therefore, the course can be seen as a survey of Russian imperial history before the end of monarchy in 1917.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations

### HIST 136 - OLD REGIME & FRENCH REVOLUTION

Institutional and social development of France, climaxing in the French Revolution. Special emphasis on the national and international significance of the Revolution.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

History Department

Course Attributes:  
Global and Cultural Understand, Historical Foundations, Historical Consciousness, International & Multicultural

### HIST 138 - HISTORY OF THE SOVIET UNION

This is a survey of the history of the Soviet Union, from 1917 to 1991. We will examine the economic, cultural, political, social and intellectual developments of the Soviet society and the state from its creation to its dissolution, paying special attention to the ways in which people in the Soviet Union experienced revolutionary changes, transforming events, and social experiments.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations

### HIST 139 - WORLD WAR I

This course covers the political, military, economic and social dimensions of the war, as an international war, and watershed in modern history. The lives of men and women on virtually every continent will be covered, along with problems of inequality, imperialism, economic development, psychological trauma, and diplomacy that the war exposes.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## History Department

### Course Attributes:

Historical Foundations, Historical Consciousness, International & Multicultural

### HIST 140 - AFRICA'S COLONIAL MOMENT

Africa's history in the 19th and 20th centuries is crucial not only to understanding Africa's role and relevance in world history but also to understanding current circumstances and challenges that face the continent today. This is the case because, during this period, Africa experienced one of the most disruptive times in the continent's history--the period of European conquest and colonial rule. European powers endeavoured to 'civilize' Africa--a process intended to transform Africans not only economically and politically but also in terms of how Africans saw themselves and their place in the world. Thus, in many ways, the continent in 1970 looked quite different than it had a century earlier. However, despite the differences, European powers clearly failed in their attempts to transform Africa and to 'civilize' its people according to their late 19th century Eurocentric, modernist notions of civilization. HIST 140 endeavours to analyze why. The main theme of this course is that, to understand change in Africa's history in this period of time, the colonial period itself should be 'decolonized' and seen as a moment in African history as opposed to a period in European history. In effect, the colonial state and its transformative goals must not be seen as an all-powerful institution operating hegemonically to achieve its ends uncontested; rather, it needs to be seen as embroiled and imbricated in the warp and weft of African life. Africa's colonial moment did not see Europeans (whether colonial officials, businessmen, missionaries, settlers, etc.) directing change by fiat; rather, they were subject to the very social, economic, and political forces that had been making Africa's history for generation. Drawing on recent research into local histories, histories of women and children, domestic politics, production relations, governance structures, etc. HIST 140 will question the degree to which Africa's colonial moment was African as well as colonial.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

## History Department

### Course Attributes:

Global and Cultural Understand, Historical Foundations

### HIST 152 - EUROPEAN ENLIGHTENMENT

We will concentrate on the intellectual, cultural, and philosophical issues in the long eighteenth century from the Scientific Revolution to the beginnings of the Romanticism in Europe. This course is designed to develop specific knowledge of the history of the Enlightenment ideas within the context of European history and to enhance your ability for critical analysis.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

### HIST 153 - CHINESE COMMUNIST REVOLUTION

A history of the Chinese communist movement in the 20th century; war; the founding of the People's Republic; and the role of China in the contemporary world. The lives of prominent leaders are discussed and analyzed.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Global and Cultural Understand, Historical Foundations, Historical Consciousness, International & Multicultural

### HIST 155 - INTRO TO MARXISM

Through reading and analyzing materials by and about Karl Marx, students obtain an understanding of the major components of Marxism. Emphasis is placed on both the concepts Marx used in constructing his theories and on the theories themselves.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Historical Foundations, LPS Historical Course

### HIST 156 - SEX, POWER, & WAR-AZTEC EMPIRE

HIST 156 is an upper division colloquium on Aztec history from the thirteenth century through the Spanish Conquest to the early sixteenth century. Although a clear and precise chronology is critical to understanding Aztec historical development, the course is divided into three overlapping thematic categories of historical analysis that highlight both the vitality and contradictions of the Aztec world: Gender, Relations of Power, and Imperialism. The section on sex examines the various roles and functions that females and males performed from birth to death, investigating the extent to which the Mexica achieved complementarity in relations of gender within an inherently unequal, male-dominated, and militaristic society. The second section on power focuses on kinship, occupational, and tributary relations between the Mexica and other ethnic groups of the Central Valley, early tribal diplomacy and state alliances, the imperial dynasty, and approaches to understanding Aztec territorial expansion. Section three introduces topics related to war: the inculcation of a warrior code of ethics, combat training, military logistics and tactics, politico-religious objectives, battlefield procedure, the disposition of captives, victim management, and human sacrifice. All three categories -- sex, power, and war -- merge under the terrifying, but unifying, force of Aztec religious beliefs. A fatalistic religion and pessimistic worldview promoted the only sense of communal solidarity and purpose in an otherwise violent, rigid, and divided civilization.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Global and Cultural Understand, Historical Foundations, Historical Consciousness, International & Multicultural, Women's Studies Course

### HIST 157 - SEX & POWER IN PEASANT SOCIETY

An examination of the lives of women and men in European peasant society, from the 14th through 19th centuries, using primary sources as much as possible, and focusing on relations of power both with the village and beyond the villagers' control: landlords, merchants, political change and definitions of gender that became increasingly inappropriate to rural life. May be used as part of Women's Studies Concentration.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Global and Cultural Understand, Historical Foundations, Historical Consciousness, International & Multicultural, Women's Studies Course

### HIST 161 - AFRICA, AFRICANS & ATL SLAVERY

This course is designed to root Atlantic slavery and trade in its varied African contexts. Thus, students will analyze how and why Africans were "produced" for the Atlantic slave trade and the influence African slaves had, via resistance, a slave economy, and slave culture, on the making of the Atlantic world. Prereq: Sophomore standing or above.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations, Historical Consciousness, LPS Historical Course, International & Multicultural

### HIST 167 - RELIGIOUS HISTORY OF THE US

US religious history tells a great deal about what it means to be an American. In this sense, in part, it is a history of American identity. At the same time, US religious history has deep theological as well as philosophical interest for the student of American history. The course will focus on the main Protestant denominations—Puritans, Congregationalists, Presbyterians, Methodists, Lutherans, Baptists, Anglicans (Episcopalians), and the Mormons, as well as the religious strands of evangelicalism, fundamentalism, liberalism, antinomianism, Arminianism, covenant theology, and more—as they traversed the American landscape. The course also examines the processes whereby the slaves embraced Christianity with their own variants in and through the Second Great Awakening. In the process, a side to American history that is not often discussed any longer but that cannot be ignored if we seek to understand how American identity was formed is revealed.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture

History Department

Course Attributes:

Historical Foundations

### HIST 168 - U.S. INTERVENTIONISM

This course examines U.S. intervention in the affairs of other nations from the late-nineteenth century to the present era. Forms of intervention include wars and occupations, police actions, CIA-led coups and other covert activities, trade and investment practices, and cultural imperialism. The task of the course is to gain an understanding of the reasons behind U.S. interventionism and to assess the ramifications of such interventions.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:

Engaged Citizen

### HIST 172 - WOMEN & GENDER IN EARLY AM

Eighty years ago, a pioneering historian asked what U.S. history would look like if seen "through women's eyes." In recent years, historians have tackled that project, producing a history of women and transforming our understanding of the past in the process. Focusing on early America from the period of contact, conquest, and settlement to the Civil War (1607-1865), this course pursues four related questions: How does our vision of early America change when we place women at the center of analysis? How does the process of "doing history" change when we place women at the center of analysis? How has gender shaped, and been shaped by, developments in early U.S. history? And how can we explain the differences among women's experiences? In this seminar, we will examine historical experiences common to American women while paying close attention to differences and divisions among them. We will also explore how individuals and groups have contested and perpetuated the ways Americans think about and experience gender in family life, education, sexuality, work, marriage, and politics.



3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical-Breadth, Historical Foundations, Historical Consciousness

### HIST 173 - WOMEN & GENDER IN MODERN AMER

Eighty years ago, a pioneering historian asked what U.S. history would look like seen "through women's eyes." In recent years, historians have tackled that project, producing a history of women and transforming our understanding of the past in the process. Focusing on modern America from the Civil War to the recent past, this course pursues three related questions: How does our vision of U.S. history change when we place women at the center of analysis? How has gender shaped, and been shaped by, developments in U.S. history? And how can we explain the differences among women's experiences? In this seminar, we will examine historical experiences common to American women while paying close attention to differences and divisions among them. We will also explore how individuals and groups have contested and perpetuated the ways Americans think about and experience gender in family life, education, sexuality, work, marriage, and politics.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Historical Foundations, Women's Studies Course

### HIST 174 - CIVIL WAR & RECONSTRUCTION

The era of the Civil War and Reconstruction is widely regarded as a watershed in U.S. history. It forced Americans to confront two crucial questions that the Revolution and the Constitution of 1789 left unresolved: whether the United States was one nation with a sovereign national government or a federation of sovereign states, and whether slavery would continue in a republic founded with the declaration that all men are created equal. Understanding how 19th-century Americans responded to those questions is the focus of this course. The course is organized in three parts. In the first part, we will seek to understand the complex roots of the Civil War. In the second part, we will learn about different Americans' experiences of the war years, 1861-1865. In the last part of the course, we will examine two important outcomes of the war: slave emancipation and the troubled process of Reconstruction. Throughout, our attention will be devoted to the social, economic, and political history of the era. Please note: this is not a military history course.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:

Historical-Breadth, Historical Foundations, Historical Consciousness

### HIST 176 - NATIONALISM IN MOD EURO HIST

This course examines theories of modern nationalism and national identities in application to the history of Modern Europe. We will analyze some crucial aspects of the genesis of national identity and state-making processes in the history of Western, Central and Eastern Europe for the period between the eighteenth and twentieth centuries; explore new research problems regarding the corresponding issues of citizenship, exclusion, national belonging and imperialism; and provide a level of familiarity with the current research on nation and nationalism.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

### HIST 178 - WOMEN & FAMILY IN MODERN CHINA

This course explores women's experiences and the changing meanings of womanhood in China over the course of the nineteenth and twentieth centuries. How have the lives and statuses of Chinese women changed during the past 150 years? What can we learn about modern Chinese history when we place women at the center of our inquiry? In addressing such questions, we will focus upon issues of marriage, motherhood, women's work, sexuality, notions of love, political participation and "women's liberation," as well as women's relationship to war and revolution.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

### HIST 185 - PUBL HEALTH & MEDICAL HISTORY

This discussion-based course focuses on American public health from the Civil War to the present. We begin in the mid-nineteenth century because there was a shift in medical knowledge as well as responsibility for health. Although the United States is placed at the center of this course, international context is necessary. A humanities view and historical perspective is essential for understanding the complexity of public health issues-- especially considering that many people who work in the field of public health have science, business, and policy backgrounds. Major themes of the course are: how truth changes over time; how bodies are understood to interact with the environment; how race, class, gender, and sexuality influence aspects of public health; the influence of technologies; the role of government and the locus of responsibility; how environment has been defined over time; urban and industrial issues; and the diversity of change over time--from specific events, people, and discoveries to long-term shifts. Students will produce a research paper.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

### HIST 186 - HISTORY OF THE ENVIRONMENT

The environmental history of the continent and nation stretches from geologic time to the present. This course begins by defining different aspects of environmental history and introduces ways that the environment has been influential in shaping past human experience, as well as how humans have in turn shaped the environment. While surveying the sweep of American history through the lens of environment, special attention will be paid to historicizing present-day topics. Themes include the interconnectedness of people and nature, health (ecological and social health is an environmental issue), and the link between local and global. The course balances the physical (rocks, conservation and ecology) and the cultural (ideas, perceptions and images) environment.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations, Historical Consciousness

### HIST 187 - HISTORY OF THE AMERICAN WEST

The course content will make familiar a broad swath of history of the Western region of the now-U.S. West. Though we deal with larger global and national forces and contexts, we maintain a geographical focus. We will engage the American West from a number of different perspectives (including primary sources, fiction, and monographs), look at the region's history in the concrete and the abstract (landscape and mythology, fact and symbol), and wrestle with complex histories and historiography.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical Consciousness

### HIST 188 - URBAN ENVIRONMENTAL HISTORY

Earn your urban ranger patch! study the history of urban environments, the place of the city in American culture, the development of cities and suburbs, and the city's role in regional and global environmental issues. With the class, explore urban ecology and the evolution of infrastructure, like sewers, waterworks and

transportation networks. Potential main topics include urban planning, campus sustainability. New Orleans and historicizing Hurricane Katrina, and Midwestern flooding. Subjects engaged over time and in multiple cities include: environmental justice, tension over resource management, industrialization, food supply, and geography's relation to social structure. Includes a research project.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Engaged Citizen

### HIST 189 - US-MEXICO BORDERLANDS

The proposed US-Mexico borderlands are defined by more than a political line. The borderlands are a region with an environmental, social, cultural, and economic history. Current border issues overshadow our understanding of this region, and historical context will help us understand migration, race, culture, and politics. Likely subjects include war and violence, the long reach of colonialism, agriculture, mining, industrialization, urbanization, labor, water resources, and public health. Readings will focus on the borderlands from the 19th to the 21st century with special attention paid to indigenous peoples. Students will learn to think historically and critically about this region over time by reading, discussing, and writing. Readings will be augmented by films and visual sources.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations

### HIST 194 - SELECTED TOPICS

An intensive examination of selected units of study. The course may focus on important historical issues, events or personalities. The course instructor will determine which level in the History curriculum (i.e., Introductory, Advanced, Colloquium, or Capstone) each individual course will count towards.

0.000 OR 3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

History Department

Course Attributes:  
Historical Foundations

### HIST 195 - INTERNSHIP

The apprenticeship enables the student to acquire experience in such history-related fields as journal editing, museum and archival work, and the collection and preservation of historical materials.

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

History Department

### HIST 196 - RESEARCH CAPSTONE IN EURO HIST

History majors complete a historical research project which represents a systematic examination of a selected aspect of European history. Depending on the instructor, this capstone seminar may focus on any number of topics nearly modern or modern European history.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

History Department

### HIST 197 - RESEARCH CAP SEM IN US HISTORY

History majors complete a historical research project which represents a systematic examination of a selected aspect of U.S. history. Depending on the instructor, this capstone seminar may focus on any number of topics including historiography, the Jacksonian era, Civil War and Reconstruction, foreign relations, urban history, or recent U.S. history.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

History Department

### HIST 198 - HONORS HISTORY THESIS

Continuance of HIST 197. Under the supervision of one or more members of the History Department, honors students complete the research begun in HIST 197 and write an honors thesis (50-60 typewritten pages), in which they analyze and integrate the material uncovered in their research activities.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

History Department

### HIST 199 - HISTORY INDEPENDENT STUDY

An opportunity for independent study with topics selected according to student interest and needs. Prereq.: Consent of the department.

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

History Department

### HLTH 230 - INDEPENDENT STUDY

Advanced individual study or research under the supervision of the faculty.

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

### HLTH 261 - HEALTH CARE POLICY

Examination of the roles played by government in the development of the health care system in the United States using policy analysis. Focus on the interaction between public policymakers and health care providers in the public, private and nonprofit sectors. Policies for study include Medicaid, Medicare, National Health Insurance and health planning. Prereq.: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

### HLTH 263 - HEALTH CARE ADMINISTRATION

This course provides a conceptual empirical and problem-solving framework for dealing with the administration and management problem-solving skills as well as develops, implements and evaluates organizational and management goals. Emphasis is on understanding the functioning of hospital and health care organizations. Prereq.: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

### HLTH 264 - BEYOND ETHICS: POLICY&HLTHCARE

This course will investigate a basic understanding of ethics as a pursuit and expand into the integration of basic ethics and public policy and healthcare. Basic ethical concepts will be integrated into an expanded investigation into the ethics of policy with an emphasis on the healthcare environment. The course is designed to combine lecture, group discussion and individual investigations. Prereq.: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### HLTH 265 - INTRO HEALTH CARE INFOMATICS

This course provides a graduate learner with an introduction to the various areas that compromise informatics, and will be expanded as the scope of this area undergoes change. The course will address the historical impact that emerging technology has upon the healthcare sector, from the onset of the written word and forward.

Prereq.: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### HLTH 266 - HEALTHCARE REG, LAW & ADVOCACY

In its broadest sense, health law is the area of law pertaining to health care and the health care environment. It relates to the interaction of many players and relationships within and external to the health care arena. This course is meant as an introduction to this cast and complex area and will focus on these relationships as they pertain to the health care administrator and manager. Key topics will include patient rights and protection, facility responsibility, payer and patient relationships, health care provider and patient legal relationships.

Prereq.: Consent of Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### HONR 001 - HONORS FIRST YEAR PRACTICUM

All First Year honors track students are strongly encouraged to enroll in an honors course, either a three-hour honors seminar and/or the one-hour Honors Practicum. The Honors First Year Practicum is a one credit course designed to introduce first semester students to the Honors community. Each section of the course is led by two upper class Honors students who facilitate discussion in class and work to keep members of the class informed about and involved in Honors Program activities. The Director of the Honors Program serves as instructor of record for both the upper class Honors students (Practicum Guides) and the first year honors students.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

## Honors Program Department

### HONR 025 - AMER CHARAC/SOCIETY LEARNING C

Students must concurrently enroll in POLS 001 (linked 3 hrs. section). What are the "habits of the heart" that move Americans, the beliefs and practices that shape the character of its citizens and give form to the American social order? Beginning with the de Tocqueville and continuing through Bellah et al., numerous observers have developed analyses that suggest political equality and individualism are fundamental traits of American culture. These authors, and others raise the question of "community" in the United States, a question made more pressing by the growing diversity and seeming fragmentation of American society. Is it possible for community to exist in a society that emphasizes radical individualism? What are the individual's responsibilities to fellow citizens, to his/her city, state, or nation? These and other questions will be explored in this course, and in a class on American government and politics in which all students in this seminar will also be enrolled. Two Drake professors coordinate course readings and assignments to tie together themes developed in the two classes.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Honors Program Department

### HONR 046 - INTRO TO ANTHROPOLOGY-RELIGION

The full title of this course is Myth, Ritual, & Magic: Intro to Anthropology of Religion. The seminar explores the social and cultural uses and meanings of religion, ritual and magic from a cross-cultural perspective. The class will examine the category of 'religion' in relation to those of 'magic' and 'science' as well as the use of rituals in groups.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Honors Program Department

Course Attributes:  
Women's and Gender Studies

### HONR 051 - PHYSICAL SCIENCE

Intro to Physical Science is designed for education students to cover concepts of physical science and the scientific method, with discussions of their applications to modern technology. There are two hours of lecture and two hours of lab per week. The course will also explore the history of science as well as the philosophy/nature of the physical sciences. That is, the course will explore physical phenomena, explore the historical development of human understanding of these phenomena, and work to make explicit the underlying assumptions, social forces, and epistemic commitments of the physical sciences. Honors Track students may apply this course either towards the honors elective requirements OR the lab science requirement, but not both at the same time.



3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 053 - LIFE & TEACHINGS OF JESUS

Jesus was the founder of the world's largest religion and one of the most controversial figures in religious history. "Life and Teaching of Jesus" is an analysis of the early Christian writings with the objective of studying the life and message of Jesus. This exploration will use the tools of historical, anthropological, sociological, and literary scholarship to investigate Jesus and the early Christian communities that produced the literature about him within their historical, cultural, and religious contexts.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Historical Foundations, Historical Consciousness, Written Communication

### HONR 054 - APOCALYPTIC AMERICA

The dramatic end of the current world order remains a fascination in American culture. From the Puritan desire to establish a Christian utopia prompting the return of Jesus and the expansionist mandates of Manifest Destiny to the Left Behind series and 2012, many Americans continue to anticipate an imminent end of the world. Apocalyptic America will examine this trend in popular culture by exploring the ancient religious documents (the biblical books of Daniel and Revelation, along with portions of the Gospels and the Letters of Saint Paul) on which this vision is based. The role of the "Millennial Kingdom" in American history and culture will then enable students to analyze contemporary incarnations of the theme. The course will conclude with student projects and group presentations that examine current cultural productions including apocalyptic religious movements, cultural productions ("The Road" and "2012"), and apocalyptic language in political discourse.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Historical Foundations, Historical Consciousness

### HONR 060 - BRITISH IDENTITY IN ENGLAND

This course is interdisciplinary in the sense that it investigates British identity through social, linguistic, and religious identities in England and also engages in analysis and critical reading and thinking of different aspects of British culture, including literature and visual art. As it is a travel course, students will be engaging with these issues of identity directly, including site visits at the Dickens Museum, The Black Cultural Center, a guided tour of Caribbean communities in Brixton, Tate Modern, and hiking in the Cotswolds and Bath.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 062 - RELIGIONS OF INDIA

This course serves as an introduction to histories, practices, institutions, and beliefs of several different religious traditions that either have their origins on the Indian subcontinent or have played a significant role in Indian history. In the former case, we will look especially at many of the different traditions of Hinduism as well as Buddhism and Sikhism; in the latter case, we will examine Indian Islam. The course will track the histories of these religions over time (especially Hinduism), highlighting their myriad developments and heterogeneities, paying particular attention to the roles that Western colonialism and scholarship played in their recent reifications and homogenizations.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Global and Cultural Understand, Historical Consciousness

### HONR 063 - RELIGIONS OF INDIA

This course serves as an introduction to histories, practices, institutions, and beliefs of several different religious traditions that either have their origins on the Indian subcontinent or have played a significant role in Indian history. In the former case, we look especially at several different traditions of Hinduism as well as Buddhism and Sikhism; in the latter case, we will examine Indian Islam and Christianity. The course will track the histories of these religions over time (especially Hinduism), highlighting their myriad developments and heterogeneities, paying particular attention to the roles that Western colonialism and scholarship played in their recent reifications and homogenizations. Since this class is a J-term travel seminar, it is also interested in contrasting the ways in which these traditions are taught in American textbooks from the ways in which they are practiced and understood in India.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Honors Program Department

### HONR 066 - BEATLES POPULAR MUSIC /SOCIETY

Often referred to as the greatest rock and roll band of all times, The Beatles' influence on popular music and contemporary culture is unquestionable. The societal context of the growth of Rock and Roll will serve as the framework for this course, which will chart the Beatles rapid rise to fame, their careers as a band and solo artists, and their continued impact on popular music and culture in the 21st century. This course will provide an in-depth, record-by-record, look at the music of this extraordinary group and the unique songwriting partnership of John Lennon and Paul McCartney. Additionally, the course will explore the development of global cross-promotional marketing, as applied by the Beatles and their corporation, Apple. Designed for non-music majors, this course will help to develop critical listening skills, and demonstrate the progression of musical concepts and themes still being applied in popular music today. Intended audience: Honors Track students who have credit hours that classify them as first-year or sophomore.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Honors Program Department

### HONR 067 - SUSTAINABLE DVLPMENT IN AFRICA

This course is a study abroad course designed to facilitate Drake's goal of educating its students as global citizens who are prepared to operate in a global economy. It will take students from Drake to an area of the world - sub-Saharan Africa - that is in many ways distinctly different culturally, politically, ethnically, and economically from the U.S. Also, it will take students to a country in sub-Saharan Africa where they can focus their attention on issues that face these distinctly different countries as they become increasingly integrated into a global world. To accomplish these steps, the content of the course will focus on circumstances people in these countries face as they try to achieve sustainable development while operating in a neo-liberal international business climate. Special attention will be directed towards analyzing infrastructure development, entrepreneurship, microfinance constraints, constitutional development, the colonial legacy and the transition to political democracy/pluralism, and the impact of HIV/AIDS on very poor countries. As students study these issues, they will also learn of cultural and world view differences that exist in sub-Saharan Africa.

6.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Honors Program Department

### HONR 077 - READING GENDER

This course explores literature from the perspective of the cultural work it performs with regard to constructing or challenging gender identities. The course varies but may examine particular literary traditions (e.g., literature by women of color) or particular critical issues (e.g., (de)constructing masculinity in the writings of women).

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:

Community Engaged Learning, International & Multicultural, Women's and Gender Studies

### HONR 078 - GRIEF AND LOSS

In this course, students will learn how narratives of grief are constructed, experienced, debated, politicized, and pathologized. We will examine various aspects of grief including cultural difference, social policing, media portrayals, and theoretical debates. Students will learn how tragedy and grief are used to sell politics and products and what implications this has on individual and cultural understandings of loss.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 079 - HOME: DWELLING & BELONGING

This course explores the idea, experience, representation, and feeling of home as a site of intimate belonging and of social status. As a place or places where we locate personal identity as well as public values, home may serve as a complex origin of memory, joy, pain, loss, and longing. For some, home is a real or imagined sanctuary of privacy, intimacy, or luxury, while others find it a source of deprivation, repression, or abuse. Drawing on theories, philosophies, and critiques of diverse versions of home from different times and spaces—from 14th century palaces in Venice to 21st century shacks in South Africa—we will examine the cultural, historical, material, and political dimensions of this key place of everyday life. Drawing on a wide variety of beautifully evocative and painfully divisive writings about, and images of, dwellings from architecture, art, literature, and law, we will personally and critically reflect on the ideals and structures that place and displace residents in the individual, familial, and communal homes that anchor our relations to our selves and to each other.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 080 - MEDICAL SOCIOLOGY

This course applies sociological principles to health, illness, and health care. In order for students to fully develop an understanding in this context, a variety of perspectives will be explored and critiqued including that of patients, providers and society. This draws on foundational disciplines at the broader level and frames them into the biomedical experience. For example, sociological constructs of age, gender, ethnicity, and social class; psychosocial aspects of personal illness experience, historical and political perspectives of dominance, regulation and governance of providers and health care organizations will be the multidisciplinary topics

covered. Other topics may include but are not limited to: history of 'western' medicine, models of illness, stress and well-being, social stratification of illness, health demography, medicalization and de-medicalization of illness, disability, and patient-provider relationships. A combination of reading, discussion, reflective activities, and paper/project composition will be used to facilitate comprehension of the course material. May be used as part of Sociology or Anthropology major/minor/concentrations.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### HONR 081 - SOCIOLOGY OF CHILDHOOD

Students will learn about childhood from a sociological perspective through reading-based discussions, service learning, guest speakers, documentaries and personal reflection. Topics of emphasis include social inequality, the intersection of race, class, gender and sexuality and the impact of education on childhood. The service learning component consists of working directly with children eight hours per week before and after school at Children and Family Urban Movement. Students will be expected to have transportation (either own vehicle, carpool with a fellow student or take the bus) to CFUM located at 8th & College in Des Moines. Meets Community Engaged Learning Course requirement for SOC and ANSO majors.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:

Community Engaged Learning

### HONR 083 - SOCIAL CONTEXT OF URBAN SCHOOL

This course provides students with an introduction to urban education. We engage the philosophical, social, economic, and political contexts of urban schooling. We begin by examining the utility and demarcation of space (e.g., urban, suburban, rural, etc.). We then explore historical and contemporary understandings of the notion of "urban," focusing on how "urban" has been constructed and evolves over time. We focus on the impact on schools and communities, in particular, urban educational reform and pedagogical strategies. In addition, we engage the intersections of urban education with questions of political economy, immigration, militarization, and racism. Finally, we discuss how students experience urban schools -- the challenges they may face in urban contexts as well as practices of hope and humanization.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 085 - DEVELOPING DEMOCRACY: INDIA

Developing Democracy examines India in 1946, at a point of crisis in leadership and compares different ideas and debates on how to establish and preserve unity, national identity and authority, and yet accommodate changing views of social and economic justice. What are the sources of power of those who govern the society, and what constraints exist on that power? How are the demands of the community (political, religious, or class) balanced with a growing sense of individual liberty? What tensions exist because of differences in wealth and status and attitudes toward economic inequality? Students will explore these questions and come to reasoned conclusions about how traditional structures of authority are or are not to be maintained in the face of challenges from new ideas. Class is conducted not through lecture or discussion but through an elaborate role-playing pedagogy known as “Reacting to the Past.” “Reacting to the Past” seeks to introduce students to major ideas and texts by replicating the historical context in which these ideas acquired significance. Students read classic texts, set in particular moments of intellectual and social foment, which inform the roles they are assigned. *Defining a Nation: India on the Eve of Independence, 1945* is set in Shimla in the foothills of the Himalayas, where the British viceroy has invited leaders of various religious and political constituencies to work out the future of Britain’s largest colony. After extensive reading and preparation, each class member will take a “role” in each game, in order to debate, discuss and forge policies relevant to the historical crisis. Students will write persuasively, both in role and out of role, exploring and reflecting on major issues and perspectives.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Division Undeclared Division  
Honors Program Department

### HONR 086 - BORDERS AND BORDERLANDS

*Borders and Borderlands: Comparing the U.S.- Mexico Boundary and Beyond--* This course examines the topic of borders and borderlands from an anthropological perspective that will allow students to become familiar with various dynamics and problems as well as with key concepts, debates, and approaches within the disciplines of anthropology and border studies. We will examine numerous topics including migration, policing, in/security, violence, environmental vulnerability, cultural production, etc. through particular case studies of the U.S.-Mexico border and beyond. By looking at these issues, we will consider the social and political relations that shape popular understandings, expectations, and attitudes towards this boundary and trace, in turn, how the boundary and its dynamics affect the North American social and political landscape.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 087 - HAUNTED FUTURES

Music and Literature have traditionally been viewed as closely related art forms because both are temporal, auditory, and dynamic. This course explores the nature of this relationship through an interdisciplinary lens. By studying musical and literary art works that attempt to blur disciplinary boundaries, the course seeks to develop a comparative methodology for examining musico-literary intersections. The course is divided into three sections. The first, literature in music, considers music that takes a literary work as a referent. We shall examine to what degree music, an apparently non-denotative art form, can convey, evoke or express anything beyond itself. The second section, music in literature, is an examination of explicit attempts to "musicalize" literature or "verbalize" music. We shall read Stevens, T.S. Eliot, and Thomas Mann (with a particular focus on relationship that arises when music and text are bound together in song and opera. The opera studied will be Benjamin Britten's *The Turn of the Screw* after the Henry James story.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 088 - READING & WRITING ABOUT CLASS

This writing-intensive course will focus on American literary representations of class in order to work toward defining and analyzing its role in contemporary U.S. society. We will also examine the intersections of class, race, and gender. Readings include fiction, nonfiction, and theory.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:

Women's and Gender Studies, Written Communication, Women's Studies Course

### HONR 089 - RELIGIONS OF THE MIDDLE EAST

Three of the largest and oldest religions developed from the cultures of the Middle East. Although the religions of Judaism, Christianity, and Islam share similar foundations and many similar beliefs, their histories and innovations led to distinct religions that are often entangled in deep religious and political conflict. Religions of the Middle East will begin by exploring the histories and beliefs of these religions. The class will then examine two major issues that effect and are influenced by the religions of the Middle East (these topics are open and will rotate each semester).

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Global and Cultural Understand

### HONR 090 - MICROCOSM, MACROCOSM

This is an unusual course that looks at the intersection of visual language and the study of natural history. Students will explore the fundamentals of art making through the lens of organic form and function. We will take a critical look at artists as scientists and naturalists throughout history -- those who used drawing to hypothesize about living systems. We will gain a better understanding of our own relationship with the natural world as we explore their processes of visualization in studio. The course will consist of seminar, art studio, and experimental field trips to important resource sites locally and statewide.

3.000 Credit hours

Levels: Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Honors Program Department

Course Attributes:  
Artistic Experience

### HONR 091 - CRITTERS 101

This non-traditional course will take a critical and creative look at the lives of animals through the lenses of natural history, the biological sciences, mythology, the fine arts, poetry, fiction, non-fiction and film. It will provide the environment for expression of 'lives' yet to be examined. Sparked by research, 'lives' become evidence through the arts of 2-D, 3-D, video, fiction, poetry and music. As we entangle our lives with the lives of animals, students are encouraged to explore expressive methods of understanding both inside and outside of familiarity.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Artistic Experience

### HONR 092 - JOURNALISTS SCREEN/1955 PRESEN

Why is reporting such a compelling subject in film and, later, on television? What are key elements in the public's ongoing images and expectations of journalism? From the mid-1950s forward, films about reporters offer plots that are more international, more danger-filled, and more entangled in power politics and media conglomerates. This course will examine particular films and television programs keeping in mind basic issues of production values, film theories, and the structures of American film and television. American history will also provide a backdrop for the course material, as directors attempt to recount realistic and even real-life



cases, from Watergate to wars in El Salvador, Nicaragua, and the Persian Gulf. Expect to see "Black Like Me," "Heat Wave," "The Year of Living Dangerously," "Under Fire," and even "Kolchak: the Night Stalker," among others.

0.000 TO 3.000 Credit hours  
0.000 TO 3.000 Lecture hours  
0.000 TO 3.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

### HONR 093 - THE PRESS, PROGRAM, & THE PILL

This course explores the interface of culture, technology, and biology through a close examination of three significant innovations: the printing press, the computer, and the birth control pill. Drawing on the work of historians, anthropologists, biologists, political scientists, cognitive scientists, and philosophers, students will consider the ways in which these innovations have transformed our conceptions of human freedom, authority, intelligence, and agency. The course will also examine the broader implications of these innovations for our conception of nature and the natural, as well the contrasts often thought to be implied by 'nature' and 'natural' (e.g., nature vs. culture; nature vs. nurture; natural vs. artificial).

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 094 - DOGS: INTERDISCIPLINARY STUDY

This course is an examination of dogs and human relationships with dogs as seen through the lenses of philosophy, art, religion, literature, economics, history, science and a wide variety of other disciplines. We will work to develop ethical and political insights from our relationships with dogs -- insights related not only to our relationships with dogs but also to our relationships with humans we view to be significantly different from ourselves.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Honors Program Department

### HONR 095 - ARTIFICIAL INTELLIGENCE ETHICS

This course will examine current ethical discussions that arise in the field of Artificial Intelligence.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Honors Program Department

#### HONR 096 - RECURRING NARRATIVES: STORYTEL

Humans tell stories, whether in archaic pictograms, long- sung ballads, or today's morning news. This class will explore the stories that are told and retold, because they resonate with some deep need or common fear, fulfill some wish or dream. In fact, we will explore that assertion--about why we tell--and listen to-- the same stories over and over. What does that say about us? About our culture?

0.000 TO 3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours  
0.000 Other hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

#### HONR 098 - BUSINESS ETHICS

This course examines the moral obligations that business organizations have to a variety of stakeholders in the United States and in the world community. The course content will cover some of the ethical issues in business practice, including leadership and accountability, employee relations, financial reporting, community relations, customer service, social investments, and international business operations. The course will also develop and apply different ethical decision making frameworks that can be used to address ethical issues in business operations.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Values and Ethics

#### HONR 100 - PATHS TO KNOWLEDGE

This course is required for anyone who is fulfilling their General Education requirements using Honors courses instead of Areas of Inquiry (AOI) courses. The course is designed to help you reflect upon your interdisciplinary courses of the past and prepare you to make the most out of your interdisciplinary studies in the future. The foci of sections of Paths to Knowledge differ depending upon the Honors faculty teaching. The lab must be taken with the same instructor(s) who is/are teaching the course.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

### HONR 101 - HONORS PRACTICUM GUIDE EXP

This course gives upper-level Honors students the opportunity to craft effective leadership skills to mentor small groups of 10-15 first year students enrolled Honors 001 First Year Practicum. Students collaborate in pairs as co-guides on development and implementation of curriculum, service and social activities for assigned first year groups. Guides will work closely with the Director of Honors to develop the skills and materials necessary to lead the assigned groups. The Goals of the Practicum (subject to mild modification): communicate information about making the most of the Honors Program; foster community within the group; foster connections of the group with the larger Honors community; enhance students understanding of their own learning processes; develop skills necessary for success in Honors courses; nurture intellectual curiosity. Guides must be independent thinkers, thoughtful leaders and effective communicators who are committed to growing in all of these areas.

0.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

All Sections for this Course

Honors Program Department

### HONR 103 - SCIENCE IN THE ART OF DA VINCI

Leonardo da Vinci was one of the greatest geniuses of all times. A true Renaissance Man, he excelled in the arts, the sciences and technology creating new directions in anything he worked on. A self-taught thinker and artist, he managed to create works of unrepeatable beauty and complexity and ideas in multiple sciences that were often two hundred or more years ahead of his time. Even though his art masterpieces are widely admired and some of his technological innovations have fascinated the imagination of youths everywhere, his fundamental science work has not been known very well. In particular, it took the attentive investigation of scientists and engineers to reveal its width and depth. As an example, drawings that were previously thought to be random dwindling turned out to represent elaborate mathematical transformations. The most remarkable aspect of da Vinci's enormous body of work is that his art served his science and his science was educated by his artistic aesthetics. He did not consider them separate. In fact, they were two parts of the same relentless endeavor to discover truth and beauty in everything natural and human. Leonardo's diverse thought encompassed human and other animal anatomy and physiology, plant morphology, geology, mechanics, optics, waves, fluid dynamics, civil (town and canal) engineering, ballistics and mathematics. In all these fields his discoveries were depicted in specialized drawings but, remarkably, his "pure art" was often a tour-de-force of scientific information (for example, the "Virgin of the Rocks" is an impressive study in geology). This course intends to present Leonardo's work as a unified, trans-disciplinary, to use a modern term, fashion. It will be inquiry-based and student driven. Each class will begin with a 15-minute presentation by a student (or two students) that will be followed by an hour of discussion guided by the instructor so that it remains focused. Two meetings (one week) will be dedicated to a special topic with a reading assignment from a major book. Each presentation will cover a subtopic. The weekly topics will follow the structure of the major text in a

chronological sequence based on Leonardo's biography with cross-chronological investigations in the end. The subtopics for each meeting will be determined dynamically by the discussion in the previous meetings.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 105 - THE GLOBAL BIBLE

This course brings together multiple humanistic endeavors – most obviously religious studies, but also literature interpretation, history (of colonization), anthropology of particular cultures, mythology and religious principles of a variety of world religions. The Bible was the primary religious text of the 16th-20th century colonization project of the European powers, after decolonization communities began to infuse their indigenous cultures into their reading of the biblical text creating a new hybrid understanding of God, the biblical stories, and humanity.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 106 - ATHEISM

This class will survey the genealogies, forms, contexts, practices, and goals of “atheistic” ideas and arguments over the course of “Western” history as well as across the globe. The class is philosophical in the sense that it will examine arguments for atheism and against theism (or other institutionalized positions that defend the existence of non-human, trans-empirical beings and/or post-mortem, salvific ends). But the class also takes a sociological, historical, and phenomenological approach in attempting to understand the socio-historical contexts, rhetorical-political objectives, and lived-communal practices of “atheism.”

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 107 - URBAN ED AND IMMIGRATION

This course explores the complexities of how immigration impacts urban education. According to Rong and Brown (2002), 1 in 10 U.S. children was born outside of the United States, and 1 in 5 live in a household headed by an immigrant. Approximately 1,000 immigrant children enter schools each day. While immigration is not reserved for urban contexts, the Current Population Report (Lollock, 2001), found that almost half of the foreign born lived in a central part of a city in metropolitan areas (45%), compared with slightly more than one quarter of the native population (27.5%) For many immigrant children and families, schools are the first American institution they must negotiate. In this course, we will review research that centers on immigrant children—in hopes of learning from them how they experience schools. We will discuss challenges that

students face including dislocation, cultural disorientation, language learning, and racism. In addition, we will analyze the issue of immigration in the larger context of globalization. Finally, we will explore opportunities for educating immigrant children in urban contexts—with the possibility of schools as sites for humanization and social transformation.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

#### HONR 108 - US-JAPAN RELATIONS/FILM

In this course, students will learn to interpret both U.S. and Japanese films in the context of contemporary social, cultural, and political environments. They will come to recognize how art is part of the dialogue among a people in the creation of collective identity and relationships (both internal and external to the nation). Students will be required to watch six films over the course of the semester, outside of the regular class time. This is indicated as a film lab on the schedule. No prerequisites.

0.000 TO 3.000 Credit hours

0.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Artistic Experience

#### HONR 109 - GENDER AND WAR

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Global and Cultural Understand

#### HONR 110 - ENVIRONMENTAL ETHICS

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

### HONR 111 - INTERNATIONAL ENVIRONMENT SEM

The International Environmental Seminar enables students to gain an appreciation of the ecological and social aspects of environmental issues through an intense immersion experience in a developing country. Students will explore aspects of sustainable development and environmental justice within a specific national context. In general, discussion topics will include tropical ecology, the politics of land use, the effects of conflict on environmental systems, and the interaction between economic development and sustainability. Travel seminar sign-up is via Terra Dotta.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 112 - AUTOBIOGRAPHY & MEMOIR

Students in this course will focus on two genres of life writing: autobiography (primarily based on verifiable information) and memoir (primarily based on the author's memories). The course will address remembering and capturing the past; vividly describing people and places; incorporating dialogue, emotion, historical context, and humor; and other components of effective life writing. The class will also examine the ethics of life writing. Over the course of the semester, students will explore the strategies discussed in class by writing and revising their own memoirs. Frequent writing and revision.

0.000 OR 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Division Undeclared Division  
Honors Program Department

### HONR 113 - PHILOSOPHY OF ART

Students will learn about aesthetics and the philosophy of art from both historical and contemporary perspectives, and through readings in both analytic and continental philosophy. Our overarching question will be "What is art?" and we will read, discuss, and evaluate four proposed definitions: art as representation, art as expression, art as form, and art as aesthetic experience. Students will engage these definitions at a theoretical as well as a practical level, in application to actual works of art. Finally, students will end the semester by putting forward their own "manifesto" on the nature of art.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 114 - RELIGIONS OF DES MOINES

This class serves as the “arms and feet” of The Comparison Project for Spring 2020. As such, students will be involved in programming events on campus and in the community, communications, publicity, social media, website design and maintenance, strategic planning, and booklet guides to the "Religions of Des Moines," approaching comprehensive coverage of most religious communities in the greater DSM area. Beyond that, we will continue working on a calendar of sacred events for the metro area, an on-line blogging feature for the website, and preparations for another summer of interfaith youth leadership camps.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Honors Program Department

Course Attributes:

Global and Cultural Understand, International & Multicultural

### HONR 115 - RELIGION AND SCIENCE

What is science? What is Christian theology? Why have science and Christian theology been widely thought to be in conflict with each other? Are they in conflict? Do Christian theologians who speak about science or scientists who speak about Christian theology overstep the legitimate boundaries of their respective disciplines? This course offers an examination of these and other questions. We will begin with an introduction to several perspectives and terms that will shape our discussion, and then we will proceed with a historical survey of the interaction of science and Christian theology in western culture. Students who successfully complete this course will achieve a greater knowledge of the history of science and Christian theology, sharpened skills for analyzing the methods and practices of both science and Christian theology, and a cultivated awareness of how science and Christian theology continue to interact in contemporary American society to shape public policy and perceptions.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Honors Program Department

### HONR 116 - COMMUNITY WRITING

This year’s version of the course is called Humans of Des Moines, modeled loosely after the very popular Humans of New York series. We will start by examining documentary storytelling as a cultural practice and examine the notion of who and what comprises a community. Students will decide on a sub-group or community they are NOT a part of but want to learn more about. They will research and report on the community, interview representative members, and write/present on these humans using several genres and formats, including the use of digital narrative. We will attend two Des Moines Storytellers Project events on Tuesday, February 25 and Tuesday, April 21 from 7:00 to 10:00 PM.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Written Communication

### HONR 117 - TRANSATLANTIC LANDSCAPES

This new course focuses on an interdisciplinary understanding of “landscape” conventions within a transatlantic context. We will read theories about art history and aesthetics (particularly in history and landscape painting) by Sir Joshua Reynolds, John Ruskin, Thomas Cole, Asher Durand and others. We will examine paintings, prints and drawings by John Constable, J.M.W. Turner, Frederic Church, 19th century American women painters and amateur travelers. Our focus will be on how different aesthetic modes reflect and produce different understandings of "nature" and the human presence in the landscape. We will look at art/writing in the context of colonialism, economic change, the rise of the middle class, travel/tourism and other contexts that shape 19th century identity (both national and individual) in Anglo-American contexts. We will also consider ways that writing and the visual arts share certain concerns--but also represent nature, humanity, history and divinity in different ways.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Int Study Humanities/Sciences

### HONR 118 - YOUTH, CULTURE, AND SOCIETY

This course provides students with an introduction to the study of youth, culture, and society, focusing on urban contexts and schools. This course will examine youth (and adolescence) as historically and culturally specific social formation. We will engage and discuss the construction of youth and its relationship to larger structural forces (e.g., racial, cultural, social, economic, and political contexts) that impact and shape their lives. Using multiple texts, writing assignments, and reflective practices, students will critically examine ideological and representational understandings of youth and youth cultural practices. Specific topics include representations, popular culture, incarceration, subculture, social movements, immigration, sexuality, the politics of urban schooling; and the multiple ways in which youth negotiate, resist, and disrupt their identities.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 119 - BLACK CHRISTIANITY/PROPHETIC



African American citizens have played a distinctive role in U.S. democracy. From enslavement, through Reconstruction, Jim Crow segregation, Black Power movements and into the present, African Americans have vigorously critiqued the civic body and enacted robust dissent against its prevailing racial practices. This course will explore the various forms of Christianity within the African American community, and identify the unique ways in which Black Christianity in particular has contributed to democracy. Attention will be given to both what Black Christianity has said to the civic body, as well as to debates within the Black community. Contemporary manifestations of this prophetic politics will also be a significant focus. Opportunities will be created to explore the role that Black Churches have played and continue to play in the Iowa (and Des Moines in particular) context.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 120 - PHILOSOPHY and/as FICTION

This travel seminar will focus on the local and regional culture of Jalisco, a state 600 miles from the Mexico-U.S. border, where students will explore the presence and effects of North American culture through onsite engagement with industry, business, NGOs, cultural institutions and government. Students will examine and critically analyze the ethical considerations of how North American culture is present, marketed and branded in this area by using multiple forms of expression and representation, including multimedia, video, and film, to produce projects that capture how American culture has shaped, and continues to shape, contemporary Mexican culture.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 121 - COMPARATIVE RELIGION

This course serves as both an introduction to the interdisciplinary field of comparative religion and an exercise in the interdisciplinary practice of comparative religion. (Note that comparative religion does not rate and rank religions but rather identifies and explains the similarities and differences between religions.) The introductory component of the class considers the strengths and weaknesses of several different models and methods of comparing religions, while the practical component takes up the actual comparison of a number of different religions with respect to the theme of "ineffability," the class will also produce multidisciplinary notion that divine beings or mystical experiences transcend our ability to speak about them. (Optimally, the class will also produce multidisciplinary explanations of these comparisons.) The class is designed to accompany The Comparison Project, Drake University's public program in comparative religion. This means that the religions the class compares and the writings the class reads will be determined by the programming of TCP, and that the scholars who participate in TCP will visit our classroom. Assignments include frequent reading responses and four five-page papers.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Honors Program Department

Course Attributes:  
Global and Cultural Understand, International & Multicultural

### HONR 122 - LANGUAGE AND REALITY

An introduction to philosophy of language focused on linguistic meaning, the relationship between language and thought, and the relationship between language and the world. Central to our investigation will be the issue of linguistic relativism. i.e., whether languages are significantly different, and if so, whether they shape significantly different views of reality.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 123 - GLOBAL CHANGE

This course will be an interdisciplinary investigation of anthropogenic global change, using global warming as a semester-long case study. In this course students will learn to investigate a major environmental issue by first obtaining a strong scientific background in the issue, then applying methods of policy analysis, and finally advocating for effective governmental decision making. Students will also gain a strong appreciation for the complexity and gravity of climate change issues. Prerequisite: Math 020, Math 050, or Math 070.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Cat 2 - LPS - Contemp Issues, LPS Public Policy Course, Physical Science

### HONR 124 - SALEM WITCH TRIALS

What caused the infamous witch trials? Religious attitudes? A social crisis? Introduction of new ideas from the West Indies? Trauma from recent Indian attacks? Changes in the status of women? This course will read a variety of explanations of the Salem witch trials. However, rather than decide what "really" caused them or argue about what "really" happened, this course will focus more on the nature of evidence. When we read a description of "what happened" what constitutes the evidence? Who gets to decide what is valid and what is not? How do these ideas of evidence come into play with various strategies of writing from personal narrative to sermon to other forms? How does this increased awareness of the way evidence is "embedded" in social reality affect your views about your own reading, writing, and judging? In addition to thinking and writing about these questions, we will assess similarities and differences between the witch trials and the trial of Anne

Hutchinson. We will do this through a "Reacting to the Past" curriculum which provides selected readings and role playing. This unit will be about a month of the semester and will give us another "body of evidence," so to speak. Readings will include historical and sociological explanations of the witch trials, 17 century readings (diaries, accounts of trials, etc.), and 19th - 21st century imaginative writings about the Salem event, such as "The Crucible." There will be several short papers rather than a single large project.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 125 - PHILOSOPHY OF RELIGION

The philosophy of religion, broadly defined, is the philosophical examination of religious reasoning. As practiced, however, the philosophy of religion usually gets narrowly focused on either the rationality of modern-western religion or the religiosity of modern-western philosophy. This course ventures a new approach in the philosophy of religion, one that is religiously diverse and historically grounded. As such, it seeks first to survey several different instances of reason-giving in several different religions of the world. It will then formally compare these instances of reason-giving in an effort to detect important and interesting similarities and differences between them. Finally, it will ask whether and how these instances and patterns can be critically evaluated with respect to their truth and value. Since this is a philosophy of religion course, particular emphasis will be placed on this third and final step: can one inquire into the truth and value of religious reasons and ideas? If so, how? If not, why not? Note that this class is designed to accompany Drake University's public program in comparative religion, The Comparison Project (<http://comparisonproject.wordpress.drake.edu>).

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 126 - ARTIFICIAL INTELLIGENCE

This course will explore the past, present, and future of Artificial Intelligence (AI). We will begin by looking at the initial aims of AI and the theoretical and technological developments that made AI look like a genuine possibility (and survey some of the early successes and failures of that research program). We will then consider the current state of AI and the way future developments may (or may not) have a significant impact on society and self. Our investigation of these topics will be informed by scholarly works (e.g. philosophy, computer science, and social science) and works of fiction (e.g., short stories and films).

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 127 - PUBLIC FEELINGS

What are the cultural and political dimensions of feelings? Why are some feelings pathologized and linked to abnormal" states like depression and anxiety? How are such experiences represented in discourse? What problems do states like depression and anxiety pose for conventional political values like rationality, deliberation, and progress? How might feelings trouble accounts of identity, subjectivity, and agency? In pursuing answers to these questions, this course explores crucial facets of feelings as cultural phenomena and political forces, such as the gender dynamics of the body/mind split, the role of pathos in social movements, and the interests benefiting from depictions of the "healthy" and "well-adjusted" citizen. Drawing on recent writing in the "affective turn" in the humanities and social sciences and earlier work on "structures of feeling," this course considers the rhetorical policing of the boundaries between stability/ instability, acceptance/resistance, and normality/deviance in specific emotional and political states of being and becoming.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 128 - MINDS, BRAINS, AND COMPUTERS

What is it to "have" a mind? Are minds, "things"? If so, are they physical things? What is the relationship between your mind and your brain/body? Can computers think, feel, and be conscious? Might you be a computer? In this class we will critically evaluate a variety of answers to these questions and the arguments given for those questions. We will start by examining some traditional approaches to the relationship between mental and physical phenomena, including dualism, logical behaviorism, mind/brain identity theory, and functionalism. Next, we will consider the nature and locus of intentionality and consciousness and how the phenomena of intentionality and consciousness may bear on theories about the mind/body relationship. We will also examine the "common-sense" appeal to beliefs, desires, and intentions in explaining human behavior and explore whether and/or to what extent those explanations can be illuminated, supplemented, revised, or undermined by empirical science. Finally, we will look at some recent work on mind, embodiment and action, and consider the extent to which this work provides an alternative to the traditional accounts of the mind/body relationship. Our discussion of these issues will be informed by the arguments of prominent philosophers, as well as theoretical and empirical developments in psychology, computer science and neuroscience.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Int Study Humanities/Sciences

### HONR 129 - PHILOSOPHY OF SCIENCE

The course will examine the major topics and issues of contemporary philosophy of science, including (but not limited to) the demarcation criteria of science, the rationality and objectivity of scientific theories, the verification and falsification of scientific theories, and the claims and merits of realism, pragmatism, empiricism, and constructivism. The course will also consider the ways in which various contexts of scientific

activity (technological, social, historical, economic, political, personal) affects the practice and aims of science.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 130 - MEN, MASCULINITY, MOVIES

The course seeks to give students both an overview of disciplinary sociology of deviance and then to pursue in more detail the story of meaning making and the social and cultural structures that grow up with that meaning. The essence here is to study "badness," as Peter Conrad and Joseph Schneider call it in their co-authored book "Deviance and Medicalization." How are stigmatizing, negative meanings created around various categories of people and their actions or alleged actions or alleged actions and then attached to them to provide various professionals populations of people that they serve in careers that help, punish, rehabilitate them?

0.000 TO 3.000 Credit hours

0.000 Lecture hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

Course Attributes:

Women's and Gender Studies

### HONR 131 - MAJOR FIGURES: CHARLES DICKENS

This course focuses on Charles Dickens, arguably the most popular novelist of the Victorian Age and certainly one of the most enduring. Dickens was so prolific that one cannot read even half of his works in the space of one semester. We will examine approximately five of his novels (final reading list to be determined) as well as some of his journalism (including collaborative pieces) and his personal letters. Students will enjoy discovering (or rediscovering) the quirkiness, weirdness, hilarity, and sometimes inexplicable oddness of works such as "Great Expectations", "Little Dorrit", "Oliver Twist", and "Bleak House." Students will also read essays about Dickens' works and learn to place their critical voices in conversation with those of other scholars.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Division Undeclared Division

Honors Program Department

### HONR 132 - VICTORIAN SECRETS

This course focuses on the Victorian era in Britain, when the novel was a dominant and dynamic literary form, and the topic of secrets. Why are secrets exciting, thrilling, or frightening to the Victorians? What purposes do secrets serve? What types of secrets seem most important to keep (or to tell)? How much do Victorian literary

forms, especially novels, rely on the concept of the secret? And how can pondering these questions help us understand why we still find the Victorians interesting and/or our own relationships with secrets? Course readings include nineteenth-century Victorian sensation fiction, early detective or “mystery” novels, Gothic plots and settings, and “New Woman” fiction. As we investigate Victorian secrets, we will consider a broad range of topics, including definitions of privacy; sex (surprise - the Victorians loved it!); racial identifications; what it means to be “English;” marriage conventions; social class divisions; imperial secrets; the importance of domestic servants; changing gender roles; and textual serialization (publishing in short installments).

3.000 TO 6.000 Credit hours  
3.000 TO 6.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 133 - IMAGING THE CITY:URBAN PHOTO

This course introduces students to urban studies, visual rhetoric, and photography, while giving them the opportunity to produce their own images of city scenes. The first unit will cover key concepts in urbanism and photography, the second unit will profile the role and function of techniques particular to the photographic medium, and the final unit will explore the metamorphic capacity of photography and the urban issues it can address through the creation of student portfolios that will be presented to the class.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Web Instructed

Honors Program Department

### HONR 134 - GLOBAL MIGRATION

This course explores global migration and dynamics in both historical and contemporary context. It examines state efforts to regulate international migration and comparative immigration policies. The course looks at the nexus between global migration and citizenship and considers the way that restrictive immigration policies produce exclusionary and inequitable conceptions of citizenship.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 135 - RHETORICS OF AMER FAMILY

Rhetorics of the American Family focuses on the politics of public discourse about, and popular representations of, marriage and the family in contemporary American culture. Specific topics covered in the course will include national debates over the status of same-sex relationships and/or marriage, usage of the political slogan “family values”, struggles over historical representations of the American family, discourse on the impact of changing gender roles in domestic discourse on the impact of changing gender roles in domestic

national identity and changing representations of sex and love in marriage in popular film, television and magazines.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 136 - INTERFAITH @ DRAKE

Is there a future to comparative religion and interfaith studies at Drake? For the last seven years, The Comparison Project's programming has included a lecture and dialogue series in comparative religion, a monthly open-house series, an annual interfaith youth camp, occasional courses on the "religions of Des Moines," photo-narrative projects on local-lived religion in Des Moines and Beijing, and more. For various reasons, however, it is now time to rethink the future of The Comparison Project in particular and interreligious-interfaith studies at Drake in general. This class will do just that. Together we will read about the current state of comparative religion, interreligious-interfaith studies, examine what TCP has accomplished over the last seven years, analyze the community, and plan for the future. In groups, students will be assigned research projects in areas such as grant-writing and fundraising, social media, communications, university administration, strategic planning, and whatever we deem necessary.

0.000 TO 3.000 Credit hours  
0.000 TO 3.000 Lecture hours  
0.000 TO 3.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

### HONR 137 - THEORIES, ISMS, & FOLDEROL

Theories are the fundamental construct of academic activity, and despite the conventional notion, most of us do not know what, exactly, theory is. What makes a theory a theory? Why are theories used? To what extent do theories help us understand the world? To what extent do theories limit our understanding of the world? When is theory helpful or unhelpful? This course will attempt to answer these, and other, questions about theories. Despite the notion that theory is impractical, it guides the activity of most academic research, knowledge production, and disciplinary pursuits, and then filters out into public consciousness, influencing the way people think and live. This course will begin with the examination of three specific theories such as postmodernism, Marxism, feminism, and pragmatism, socialism, critical theory, or capitalism. Students will explore the origins, key characteristics, and applications of these theories to various disciplines in the humanities, liberal arts, and professional fields. Students will gain the skill a capacity to work with, apply, and deconstruct complex issues using theories, and as such, this course would be of particular interest and use to students considering graduate school.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Honors Program Department

### HONR 138 - CONSTRUCTING NORMAL

This course will explore social, cultural, individual, and structural definitions of "normal" and "abnormal" in the United States. We will consider the issue through a range of interdisciplinary sources including media, literature, ethnography, history, science, and public policy. The course will address such issues as disability, sexuality, gender, race, and socioeconomic status in an attempt to understand how social definitions of normality shape our views of ourselves and others, as well as how they are implicated in the maintenance of power relations. We will consider the ways understandings of normal are contested and shifting in the contemporary United States at individual community, cultural and structural levels of society. Students will be required to conduct original research as part of research groups focusing on various aspects of normality/abnormality. Students will write several short papers throughout the semester that draw on course readings as well as their research projects. At the end of the semester they will revise relevant short essays for inclusion in their larger research papers.

0.000 TO 3.000 Credit hours

0.000 TO 3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

## Honors Program Department

### HONR 140 - LIBERATION & FEMINIST THEOLOGY

Study of the emerging field of liberation and feminist theologies as these disciplines are related to contemporary religious, social, and political issues in Latin America and North America. The course explores the relation between theological reflection, social context, and socio-political location of theologians.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

## Honors Program Department

Course Attributes:

Engaged Citizen, LPS Social & Ethical Course, Women's Studies Course

### HONR 141 - DIGITAL RELIGION

This semester Digital Religion will analyze the Peoples Temple movement and their agricultural project in Jonestown, Guyana. This group, led by Jim Jones and an inner circle of devoted socialists, rose to prominence in the San Francisco Bay area in the 1970's, working on radical political issues, establishing communal living facilities, and emphasizing racial and economic equality. The group left the Bay Area for Guyana where it established a communal agricultural project. Ultimately, the group committed what they called "revolutionary suicide" in late 1978. In cooperation with the "Alternative Considerations of Jonestown and the Peoples Temple" project hosted by the San Diego State University, students will assist in the analysis and annotation of an online selection of documents originally produced by Jim Jones and members of the Peoples Temple.



3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Information Literacy

### HONR 142 - DEVIANCE

The course seeks to give students both an overview of disciplinary sociology of deviance and then to pursue in more detail the story of meaning making and the social and cultural structures that grow up with that meaning. The essence here is to study “badness,” as Peter Conrad and Joseph Schneider called it in the co-authored book, "Deviance and Medicalization." How are stigmatizing, negative meanings created around various categories of people and their actions or alleged actions and then attached to them to provide various professionals populations of people that they serve in careers that help, punish, rehabilitate them? Prereq.: Entry-level sociology or anthropology course or instructor's consent.

0.000 OR 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Values and Ethics

### HONR 143 - GLOBAL POLITICAL VIOLENCE

The course raises questions about what violence is; what it does; whether it is necessary, legitimate or illegitimate; and what its' constitutive and destructive qualities are. We investigate the main theories of violence from philosophy and political science but also explore ethnographic cases from across the globe, looking at significant occurrences of violence in history and their reverberations in the present. The course also looks at representations of violence in rituals, art, and movies, as well as how art and poetry are often the only way through which the brutal experience of violence is elaborated, revered, and possibly reworked.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Global and Cultural Understand

## HONR 144 - HEALTH & DEVELOPMENT

Certainly, a desire to "give back" and help make the world a better place is a noble ambition. Unfortunately, the road to perdition is paved with such good intentions. The data is clear that health development aid can do harm as well as good. In this course, we will explore why countries are poor, what can be done to alleviate their poverty, and some of the results of health and development aid schemes. This is a reading and discussion intensive type course that will familiarize students with current theories, and controversies in health and development. Working in this area is not easy. Idealists and do-gooders burn out quickly. Having an awareness of the major issues in development will assist you in being as effective as possible in your volunteer work or career as an aid worker. It will also make you a better informed citizen and voter. If you finish the course more confused than when you started it, that simply means you now understand how complex health and development aid actually is.

0.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Pharmacy Prof. Elective

## HONR 145 - GLOBAL REPRODUCTIVE POLITICS

This course will explore reproductive practice, policies, and politics throughout the world. We will consider local practices of human reproduction and production -- the bearing and raising of children -- in a transnational context, exploring the ways power relations shape social practices of family formation across the globe in varying ways. We will consider this issue through a range of interdisciplinary sources including media, literature, ethnography, history, and public policy. This course will address such issues as sexuality, birth control, pregnancy, abortion, adoption, and child rearing in the context of particular social and cultural traditions as they are affected by global power relations.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Community Engaged Learning

## HONR 146 - RESTORATIVE JUSTICE

Restorative justice is a perspective that views crime as a harm against people and the community, which needs to be addressed through the involvement of offenders, victims, and the community. This course provides an introduction to the principles and practices behind restorative justice. A restorative justice movement has been growing dramatically globally in the past couple of decades. Along with this growth come many challenges, pitfalls, and critics. The course is designed to allow students to struggle along with the experts in trying to navigate the opportunities and challenges, the success stories and the pitfalls that accompany restorative justice programs. In the process, students will explore questions about justice, crime, imprisonment, punishment,

rehabilitation, forgiveness, and the purpose of a legal system. The course relies heavily on international perspectives to learn about these issues. Prereq. one Sociology course or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Community Engaged Learning, SOC Comm Intensive Learning, Values and Ethics

HONR 147 - OPEN NUMBER

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

HONR 148 - RELIGIONS OF SOUTH AFRICA

This course serves both as an introduction to religion in South Africa and as means of developing a collaborative photo-narrative project about religion in South Africa with Drake's international partner, University of KwaZulu-Natal (UKZN). In the way of introduction, we will learn the history of (religion in) South Africa, especially in encounter with colonial powers and Christian missionaries. In the way of the photo-narrative project, we will work with faculty and students at UKZN to begin identifying and learning about religious sites in the KwaZulu-Natal region of South Africa, especially as they relate to an environmentally themed book. This course can also be used to prepare students who are going on the J22 travel-seminar to South Africa where we will visit these sites in person with faculty and students at UKZN.

1.000 OR 3.000 Credit hours  
3.000 Lecture hours  
3.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

HONR 149 - AFRICA'S COLONIAL MOMENT

Africa's history in the 19th and 20th centuries is crucial not only to understanding Africa's role and relevance in world history but also to understanding current circumstances and challenges that face the continent today. This is the case because, during this period, Africa experienced one of the most disruptive times in the continent's history -- the period of European conquest and colonial rule. European powers endeavored to 'civilize' Africa -- a process intended to "transform" Africans not only economically and politically but also in terms of how Africans saw themselves and their place in the world. Thus, in many ways, the continent in 1970 looked quite different than it had a century earlier. However, despite the differences, European powers clearly

failed in their attempts to transform Africa and to 'civilize' its people according to their late 19th century notions of civilization. This course endeavors to analyze why?

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 150 - RITUAL AND MYTH

Myth and ritual are aspects of all human societies, ours included. What roles do myths and ritual play in human experience and everyday life? Why do we need them? Are myths and rituals ways of responding to existential questions? Or reflecting on the fact they can't be responded to? Do they reproduce or subvert social orders? This course will address these questions by drawing on readings from history, religious studies, anthropology, sociology, and film studies. By way of case studies, we will examine theoretical approaches to ritual and myth (e.g., psychoanalytical, structural, feminist, symbolic). This course has prerequisite anthropology or sociology entry level coursework, or instructor consent. We begin with an overview of classical and postmodernist interpretations of ritual and myths, looking holistically at myth and ritual in relation to power, gender, religious authority, and history. We look then at some specific cases of societies experiencing turmoil and violence that cannot possibly be understood except in reference to local myths and rituals. We then conclude with a look at mythical and ritual phenomena in American society, focusing on urban myths, vampire legends, and UFO stories to reflect on what these stories tell about "us."

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 151 - JAPANESE PHIL:MEIJI TO PRESENT

Living Life Well: From Ancient Greece to Contemporary Corporations Much of the history of humanity has been focused on figuring out how to live life well, which, of course, requires understanding, first, what it means to live life well and, then, figuring out how to achieve this goal. This question is not only one that has occupied the obvious disciplines of philosophy and the arts, but also psychology, biology, neuroscience, business, and many others. This course will be framed by the philosophical discourse on the question but, as philosophy does not isolate itself from the variety of disciplines that can help to answer any question, we will, necessarily, spend considerable time exploring the ways in which other disciplines have contributed to answering the question of how to live life well.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Honors Program Department

### HONR 152 - RELIGIONS\_SOUTHERN AFRICA

0.000 OR 3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 153 - INTRO TO CHRISTIAN THEOLOGY

An historical approach to the major theological doctrines and issues emergent in the patristic, reformation and modern eras, with an emphasis on western theological traditions and --from the Reformation forward--a focus on significant Protestant thinkers. We will explore the major streams in theological thought, particularly, the implications of certain theological conflicts to Christian communities. We will also focus on the relations between historical and social contexts and the particular developments that have taken place in Christian Theology.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 154 - AMER LIT TO 1900

This version of the advanced topics course will focus on captivity narratives, which challenge notions of identity, loyalty, affliction, salvation, self, other, and society. We will begin with early American captivity narratives and spend a considerable amount of time on 19th century narratives, including portions of a Mexican-Californian-American critique of the genre. We will end with the story of Jessica Lynch or another more recent "captivity." Definitely a good follow-up to discussions of the "afflicted girls" from the Salem witch trials.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:

Women's and Gender Studies, Women's Studies Course

### HONR 155 - CULTURE, KNOWLEDGE,POWER

The last two decades of the 20th Century witnessed a variety of challenges to conventional disciplinary thought and practice in the humanities and the human and social sciences of western scholarship. Many of these involved a critical rethinking of usual understandings of culture, knowledge, and power, at the least. This course aims to introduce students to themes, questions, and ways of reading, writing, and speaking that may be loosely referred to as "post-" thought, analysis, and criticism that that has constituted a major part of this challenge. Influences from French post-structuralism, cultural Marxism, feminism, psychoanalytic criticism, postcolonial studies, queer theory, critical race theory, and science/knowledge/ complexity studies will be

reviewed. Students will be asked to consider the emergence of these critical perspectives and practices relative to established and dominant ways of thinking and writing/speaking defined by existing disciplinary knowledges inside as well as outside the academy. The following themes/perspectives will be central in the course: \*The Importance of Discursive Practice \*Reality and Knowledge as Constructed \*Reflexivity and Knowledge Practices \*The Implosion of Ontology and Epistemology \*Reconceptualizing Power \*Difference \*Theory as Resource for Activism \*Ethics of Activism

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
LPS Social & Ethical Course

HONR 157 - OPEN NUMBER

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

HONR 160 - OPEN NUMBER

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

HONR 161 - AFRICA/AFRICANS/ATLANT/SLAVERY

The immense growth of slavery and slave trade research in the last quarter century has made examinations of unfree labor a major issue for world research. Studies of Atlantic slavery have generated the bulk of that research, and as a result have challenged many traditional perceptions of that trade and its associated system of slavery. However, despite the unquestioned value of these recent analyses, most of these studies have looked at Atlantic slavery from the American side of the ocean. Consequently, the African nature of Atlantic slavery has often lacked close scrutiny. This course has two goals: 1) to root Atlantic slavery and its trade in its African context, and 2) to help incorporate recent research findings into popular understandings of the Atlantic trade. The major argument of this course is that one cannot know why the Atlantic trade happened as it did nor how Atlantic slavery developed as it did without understanding the context which produced the people who were sold into slavery. Therefore, the course looks at the influence political, social, economic, and cultural factors in Africa had on the making of slavery and the slave trade both in Africa and the Americas. In doing so, the course will challenge students to rethink their own notions of Atlantic slavery as they analyze and critique the ideas encountered in this course.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
LPS Historical Course, International & Multicultural

### HONR 162 - URBAN ENVIRONMENTAL HISTORY

The history of cities cannot be understood without understanding the physical world. This course introduces the ways that the environment has been influential in shaping human experience, as well as how humans have in turn shaped the environment. Themes include the interconnectedness of people and nature, public health, ecological health, and the link between local and global. The course balances environments that are both physical (geology, rivers, trees and concrete) and cultural (society, ideas and design). We will investigate urban environmental history through different times, places and lenses. We seek to use historical context to understand recent social and environmental events like Hurricanes Katrina and Harvey, Midwestern flooding, and municipal water supply crises (Flint and Des Moines). We will include subjects like campus sustainability, environmental inequality, urban agriculture, food justice, urban planning, walkability, and our class will ponder post-industrial challenges and visions. Importantly, we will understand the city through environmental and social lenses and link the two. We'll explore urban environments with texts, guests and field trips. We'll define the city as the environment and an environment. We'll consider the future in light of its past and, as we become sensitive to historical context, we'll see how diverse actors, dramatic events, and policy-making reverberate today.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 163 - ENVIRONMENTAL HISTORY

The environmental history of the continent and nation stretches from geologic time to the present. This course begins by defining different aspects of environmental history and introduces ways that the environment has been influential in shaping past human experience, as well as how humans have in turn shaped the environment. While surveying the sweep of American history through the lens of environment, special attention will be paid to historicizing present-day topics. Themes include the interconnectedness of people and nature, health (ecological and social health is an environmental issue), and the link between local and global. The course balances the physical (rocks, conservation and ecology) and the cultural (ideas, perceptions and images) environment.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Historical Foundations

#### HONR 164 - EXISTENTIALISM AND FILM

Explore the meaning of life through films as well as readings in existential philosophy. This class will investigate questions about personal identity, fate and human freedom, moral relativism and universal truth, and finding fulfillment in life through readings by philosophers from a variety of world cultures. These readings will be paired with a selection of films all providing a different perspective on existential themes. All films will be available on reserve at the library, and students should plan on watching movies outside of class as part of weekly homework assignments.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

#### HONR 165 - SCIENCE AND SOCIETY

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Critical Thinking, Int Study Humanities/Sciences

#### HONR 167 - GLOB CIT:CULT OF IBERIAN PENIN

The main goals of this interdisciplinary course are to (a) expose students to the complexity of culture, with a special focus on the challenges and opportunities inherent to intercultural contact, and (b) help students connect the culture of the Iberian Peninsula to its history and current political, economic, and business climate.

1.000 TO 3.000 Credit hours  
1.000 TO 3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department



### HONR 168 - TOPICS/AMERICAN MIXED RACE LIT

As an alternative to a survey, this course invites an issue-oriented approach to the interpretation of Multicultural literature in general or of different cultural or ethnic traditions such as African American, Asian American, Chicano or Native American in particular. The course explores (and problematizes) the study of multicultural writing in terms of its relationship to the prevailing history of Anglo-American letters, its posture outside of that history, and its relation to other literatures of color. The specific focus of the course varies each time offered, but each version of the course denotes some attention to the matters of genre definition, period definition, and canon definition.

0.000 TO 3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

### HONR 170 - WOMEN & GENDER IN MODERN AMER

Eighty years ago a pioneering historian asked what U.S. history would look like seen "through women's eyes." In recent years historians have tackled the project, producing a dynamic new history of women and transforming our understanding of the past in the process. This course pursues three related questions. How does our vision of U.S. history change when we place women at the center of analysis? How has gender shaped, and been shaped by, developments in U.S. history? And how can we explain the differences among women's experiences? In this seminar, we will examine historical experiences common to American women while paying close attention to differences and divisions among them. We will also explore how individuals and groups have contested and perpetrated the ways Americans think about and experience gender in family life, education, sexuality, work, marriage, and politics. The course is designed for upper-division students to deepen their knowledge of U.S. history, to learn about important themes in women's and gender history, and to provide a structured opportunity to conduct historical research and analysis in this field.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:

Women's and Gender Studies

### HONR 171 - NEUROSCIENCE AND THE LAW

This course investigates assumptions about choice, responsibility, and punishment reflected in our legal system and considers the extent to which our growing knowledge of the brain may support or challenge those assumptions. The course also considers what kinds of changes to existing legal and public policy may be reasonably supported by this investigation.

1.000 TO 3.000 Credit hours

1.000 TO 3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Int Study Humanities/Sciences

HONR 172 - OPEN NUMBER

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

HONR 173 - PHYSICS AND PHILOSOPHY

Some of our current physical theories have quite radical and seemingly paradoxical things to say about reality. But what do they really mean? What are their philosophical consequences? Why should we take them seriously? This course offers an examination of these and other questions. We will study various conceptions of space and time across history and consider philosophical issues arising from classical and quantum mechanics. Topics will include: the various conceptions of space and time; the debate between absolute and relative space; special and general relativity; spatio-temporal locality and non-locality; the ontology of fields; determinism and inter-determinism; and the interpretation of quantum mechanics, including wave-particle duality, the measurement problem, and the uncertainty principle. The course is self-contained: all of the math and physics necessary for doing well in the course will be taught in class. A prior detailed knowledge of physics is not required. This course will be presented primarily on a conceptual level, with use of mathematics limited as much as possible, but we will occasionally make use of some algebra and basic calculus.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Int Study Humanities/Sciences

HONR 174 - OPEN NUMBER

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

### HONR 175 - SOUTH AFRICAN LITERATURE & CUL

This course is an intensive study of twentieth-century literature from South Africa. Reading novels, short stories, non-fiction, and poetry, students will consider the ways in which writers use fiction to capture, represent, comment upon, and challenge the complexities of South African life and culture. We will, of course, spend a substantial amount of class time learning about apartheid, and students will view several films. In addition to learning about the not-so-distant historical events that occurred during the apartheid era, we will consider the state of South Africa during the dismantling of apartheid and its present-day struggles.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:

Global and Cultural Understand, International & Multicultural, Women's and Gender Studies

### HONR 177 - ART AND PERCEPTION

This class is at the intersection of three disciplines: philosophy, social science and art. The object of this course is the exploration of philosophical ideas, cultural norms and sensory perceptions that turn objects into artworks. We look at how art is at the intersection of these three categories. We will have two main tracks that dovetail throughout the semester: one is the history of visual technologies that enhance perception: instruments such as stereographs, photographs, movies, and virtual reality. The second is how these technologies arose from societal explorations and cultural needs and how they changed society.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:

Artistic Experience

### HONR 178 - MUSIC AND POLITICS

This class examines different ways in which music and politics intersect and interact. This involves the study of many topics, including (but not limited to): reception history (i.e., ways in which music may be intentionally or unintentionally politicized by audiences), legal directives (particularly censorship laws and conventions), how patronage may determine how and what kind of music is written, ways in which music helps articulate facets of identity (including racial, religious, gender, or national identity), how music may act as a socio-political critique, and the role of music as propaganda.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Artistic Experience, Engaged Citizen

### HONR 181 - DEATH AND SOCIETY

How do we respond to death and why? This course examines historical and contemporary perspectives on death and dying. Students will explore variations in attitudes and rituals concerning death, funerals, grief, memorialization, and dying. Though the experiences of death and dying are intensely personal, they are shaped by social, political, legal, and cultural forces. These experiences also vary by culture, social class, age, race, gender, and religion. This course is reading and writing intensive. Prereq: One entry level sociology or anthropology course or instructor consent.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 182 - URBAN ED AND IMMIGRATION

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 183 - OPEN # HONORS TOPIC

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 185 - PUBLIC HEALTH AND MEDICINE

This discussion-based course focuses on U.S public health and medicine from the Civil War to the present. Although the U.S. is placed at the center, international context is necessary. We begin in the mid-nineteenth century because of shifts in medical knowledge and a re-framing of responsibility. Through a combination of

primary and secondary sources, major themes explored are: how Truth changes over time; how bodies are understood to interact with the environment; how race, class, gender and sexuality influence aspects of public health; the influence of technologies; the role of government and the locus of responsibility; urban and industrial issues; and how change happens--from specific events, people and discoveries to long-term shifts visible in hindsight. This course takes a humanities view and uses historical perspective to understand the complexity of public health and medicine--this is especially important considering that many people who work in the field of public health have science, business and policy backgrounds.

0.000 TO 3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

### HONR 191 - WOMEN & HEBREW SCRIP

The basics of the course include reading Biblical accounts involving women and various commentaries on those Biblical accounts with a critical eye. These accounts will include "Genesis", "The Red Tent", and "The Five Books of Miriam". The goal is to come to an understanding of how the Jewish Bible deals with issues involving women and how such an understanding can help us understand issues today. This course applies for the Women & Gender Studies Concentration. Crosslist with Religion 151.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:

Women's and Gender Studies, Women's Studies Course

### HONR 193 - CYPRUS: CULT DIFFUS & CONFLICT

Cyprus sits, literally, at the maritime crossroads of Europe, Asia, North Africa, and the Middle East. Centuries of intercultural influences have infused the region with a melange of cultural, historical, and artistic traditions. It has also been the site of much conflict over those same centuries. This course will investigate how the political, religious, cultural, linguistic, and economic traditions of Cyprus are represented in contemporary efforts - including United Nations programs, local museums, formal schooling, and informal gatherings - to formulate past, present, and future Cypriot identities and attempt to resolve contemporary conflicts. This multidisciplinary inquiry will draw on the expertise of local academics from politics, history, archaeology, peace education, and international studies. The rich, turbulent, and fluid history of this island - a site of centuries of globalization - makes it an excellent site for helping students better understand the effects of and responses to cultural diffusion and intercultural conflict.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Honors Program Department

#### HONR 194 - KOSOVO: REPAIR & REBUILDING

Kosovo is a new country that declared its independence from Serbia in 2008, and was formally recognized by the United Nations in 2017. Its geographic location—a land-locked region of mildly rolling valleys of farmland surrounded by mountains— meant that it has been both isolated and invaded throughout its history. This course will investigate how the political, religious, cultural, linguistic, and economic traditions of Kosovo are represented in contemporary efforts to formulate past, present, and future Kosovar identities and attempt to resolve historically-pernicious conflicts.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Historical Foundations

#### HONR 195 - WOMEN & THE LAW

This seminar reviews how sex role understandings have affected various aspects of the law including criminal law; employment credit and insurance discrimination; abortion and fetal protection; family law; and lesbian and gay rights. Standards of review for laws that discriminate on the basis of sex as opposed to other kinds of discrimination also are discussed, as is the issue of how women are treated in courts today.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Honors Program Department

Course Attributes:  
Women's Studies Course

#### HONR 198 - INDEPENDENT STUDY

To encourage independent scholarship, students may earn Honors credit in an approved independent study either within the Honors Program or another department. Examples include a scientific experiment, a painting, a work of literary criticism, a short film or a reserach paper based on community service learning. The product typically is a written work that is presented at a public forum near semester's end. The project is coordinated with the Honors Program and completed in conjunction with a faculty adviser. Interested students must consult with the Honors Program director. Prereq.: Sophomore or higher standing and consent of the Honors Program director.

0.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Honors Program Department

### HONR 199 - HONORS SR THESIS

Guidelines for the Honors Senior Thesis is available at the Program website, <http://www.drake.edu/honors/forms>. The full proposal, including an broadly interdisciplinary topic and signatures of thesis advisor(s) as well as Honors Program Director are due by the end of the second week of enrolled term. If topic summary is closely related to major, a second advisor (outside the said major) will be required. Students will present their findings at a student/faculty forum held a month prior to thesis completion date. The Senior Thesis/Project offers students a time to develop ideas suggested by coursework or that have grown out of other experiences. It is an opportunity to do reading and pursue interests outside the structure of the classroom. The directed research involves a project that results in a product, such as a research paper, scientific experiment or creative work. The interdisciplinary project, which can be within or outside the student's academic concentration, is coordinated with the Honors Program and completed in conjunction with Drake faculty advisor(s). For criteria and restrictions, students must consult with the Honors Program director. Registration is limited to seniors in the Honors Program unless otherwise approved by the Honors Program director. Honors Program Director meets approximately monthly (on reserved Sundays at 2 pm) with group of these enrolled students.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed  
All Sections for this Course

Honors Program Department

### HSCI 0-- - HSCI LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

### HSCI 020 - INTRO TO HEALTH SCIENCES

This course is designed to provide students support throughout their transition to Drake University and the College of Pharmacy and Health Sciences (CPHS). Students will be introduced to essential academic policies, procedures and programs that will assist them in laying a strong foundation for academic success at Drake. Students will also have the opportunity to explore various health professions and resources for academic and career planning. Course activities will include lecture, guest presentations, health professions speakers and panels, reflective activities and class discussions.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Health Sciences Department

### HSCI 021 - PROFESSIONALISM IN HEALTH CARE

This course is designed to help students understand the common professional standards that all health care workers need to provide excellent care and service. Students will be introduced to these and other crucial soft skills such as work ethic, character, relationships, teamwork, communication and etiquette, honesty, cultural competence, personal image, and personal health and wellness. Students will continue to navigate academic policies, procedures and programs that will assist them in laying a strong foundation for academic success at Drake. Students will also have the opportunity to engage in career and professional development to include job shadowing, creation of a resume and cover letter, and mock interviews. Course activities will include lecture, guest presentations, health professions speakers and panels, reflective activities and class discussions.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Health Sciences Department

### HSCI 025 - INTRO TO US HEALTHCARE SYS

This 3 credit hour course in the Health Sciences sequence is an introduction to the U.S. health care system - how it is structured and how it functions. Health Services are presented in broad perspective, grounded in cost, quality and access. On completing the course, students should have acquired the following abilities: Describe the structure and defining characteristics of the U.S. health care system; Define health and recognize the impact of various factors, including the health care system, on health; Describe primary sources of health care spending and means of reimbursement; Explain the concept of access to health care and factors that influence it; Understand the goals and functions of public health in protecting the health of populations; Explain the various roles government plays in the U.S. health care system; Describe types of health care workers and recognize factors that influence the supply and demand aspects of the workforce; Explain how quality care is defined, measured, and monitored; Understand the impact of health policy on health care and the political pressures exerted on the formation of health policy and the probability of reform.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Health Sciences Department

### HSCI 055 - INNOVATION/LEADERSHIP IN HSCI

The purpose of this course is to provide students with an understanding of innovation, entrepreneurship, and intrapreneurship in the health sciences. Through class activities and self-reflection, students will have an opportunity to discover how well they are personally suited to lead, manage change, and innovate. Students will also be to basic management skills necessary to identify, evaluate and capitalize on opportunities.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate



Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### HSCI 060 - STATISTICS IN HEALTH SCIENCES

This course reflects the intersection of statistics theory and evidence-based practice in the health sciences. Course objectives revolve broadly around the process of hypothesis testing in laboratory and clinical research. This course is designed to enable students, as future health scientists or health care professionals, to understand fundamental descriptive and inferential statistics used in health research. The primary course format involves lecture, discussion, and problem-solving exercises.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Health Sciences Department

Course Attributes:

Critical Thinking

### HSCI 095 - MEDICAL TERMINOLOGY

Medical Terminology is a web-instructed course of the terminology used commonly in the healthcare setting that emphasizes the word-building process employing prefixes, suffixes, roots, as well as connecting and combining forms. This course will allow students to acquire an understanding of medical meanings through a body system approach. Common medical acronyms, abbreviations and medications are also reviewed. Students will perform weekly web-based lab activities and demonstrate knowledge of course material through written assignments and exams.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

### HSCI 1-- - HSCI UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture

### HSCI 100 - SOCIAL DETERMINANTS OF HEALTH

Social determinants of health affect everyone, and the ability to effectively address them is critical to the success of health systems. This course provides an in-depth look at the social determinants of health domains and how health professionals and communities can address them to help individuals achieve optimal health status. Different social determinants of health theories and resiliency will be explored, along with resources

and tools that promote health and well-being. Format of the course will be lecture and discussion and guest speakers providing case studies and demonstrations. Students will be essential in contributing to discussions and demonstrating comprehensive knowledge in a final presentation.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

### HSCI 102 - PRINCIPLES OF HEALTH ECONOMICS

This course provides students with an introduction to economic principles and an understanding of how these principles apply to the U.S. Health Care system. Specifically, by examining topics such as the demand for health care, the health care workforce and the role of government, students will be able to think critically about the efficiency of health care markets and the effectiveness of public policy. The format of the course will be in-class lectures that incorporate student discussion.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

### HSCI 103 - NARRATIVE HEALTH CARE

This class will use stories written by patients, their family members, health care providers, and other authors to encourage students to develop empathy and understanding in preparation for working in a health care setting. The readings are chosen with an emphasis on providing a varied and robust patient-centered viewpoint of disease, illness, recovery, and death. Students will be asked to identify, reflect upon, discuss, and write about concepts and impressions generated by assigned readings. A combination of lecture, discussion of assigned reading material, and writing exercises will be used to facilitate comprehension of the course material.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Pharmacy Prof. Elective

### HSCI 104 - GLOBAL HEALTH

This interdisciplinary course will allow students to explore global health concepts by examining case studies of health conditions in countries across the world. Students will also have the opportunity to apply their learning through a service-learning project. Critical reflection and civic learning will be incorporated in the service-learning project through a collaboration with students at Tecnológico de Monterrey (Tec) in Guadalajara,

Mexico. Developing active citizenship will be emphasized as a way to make a local – global connection in global health. The course will be a of in-class time combined with virtual course meetings, course readings, project preparation and dedicated time for service.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Community Engaged Learning, Pharmacy Prof. Elective

### HSCI 105 - VALUES & ETHICS IN HSCI

This course is designed as an introduction to the role of ethics and values in the health sciences and health professions. In light of the ethical dilemmas which inevitably arise in healthcare environments, this course will expose students to evidence-based strategies and practices for managing such ethical situations. In a broad attempt to bridge the gap between basic ethics theories and practical application, students will demonstrate competencies through a series of case scenarios. In addition, students will be better prepared to successfully navigate ethical decision making within clinical applications unique to their careers, as well as those unique to working in interprofessional teams.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

Course Attributes:  
Values and Ethics

### HSCI 106 - CULTURE CARE AND HEALTH LIT

Cultural competence, health disparities, and health literacy are important topics in health care delivery in the United States. An increasingly diverse patient population requires that health care providers acquire both generic and specific cultural knowledge for the patient populations served. It is important to address and reduce health disparities and low health literacy. This course will address the necessary adaptations to healthcare delivery that reflects an understanding of diversity between and within cultures. Health literacy, the person's ability to obtain, process, and understand health information needed to make informed health decisions, is studied in relation to health outcomes. The course will progress through four units to include: [1] Foundations of Culture Care, [2] Cultural Considerations and Application, [3] Health Disparities, and [4] Health Literacy. The course will include lecture with group discussion on current topics and case studies. Students will apply the strategies acquired through completion of a cultural competence and values self-assessment, a photovoice assignment addressing health disparities, and a health literacy project.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Health Sciences Department

Course Attributes:

Community Engaged Learning, Engaged Citizen, Global and Cultural Understand, Pharmacy Prof. Elective

### HSCI 107 - SKELETAL MUSCLE STRUC AND FUNC

The main objective of this course is to provide material on skeletal muscle anatomy, physiology, and functional properties. This will provide a basis for the discussion of changes in muscle structure and function during periods of increased use, such as endurance or strength training, or periods of decreased use, such as injury or disease. The effects of hormones and/or supplements on muscle repair, power, and endurance will also be discussed. Completion of this course will provide an advanced understanding of muscle properties and how this knowledge can be used in areas such as physical therapy, injury prevention, and/or the design of training programs. This course includes lectures, discussions, current event examples, article critiques, and lab exercises. Lectures and discussions are designed to go beyond the text and cover recent research and lab results.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Health Sciences Department

Course Attributes:

Pharmacy Prof. Elective

### HSCI 108 - INTRO TO US HEALTH CARE POLICY

This course provides students with an introduction to health care policymaking and politics in the U.S. Given the current political climate and the ongoing discussions/ debates regarding the future of health policy, it is becoming increasingly important that students not only have an understanding of the policymaking process, but also the ability to evaluate policy proposals by identifying both their strengths and weaknesses. In addition, by learning about past policy failures and successes, students will be able to recognize the emerging controversies in health policy and potential options for reform. The format of the course will be in-class lectures that incorporate significant student discussion.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Health Sciences Department

Course Attributes:

Pharmacy Prof. Elective, Values and Ethics

### HSCI 120 - BEHAVIORAL AND SPORT PSYCH

This course examines foundational material in sport psychology as it relates to integrated health care, injury rehabilitation, and performance. Course readings, discussions, and assessments will address topics such as individual and social aspects of health and performance-related behavior, as well as theoretical approaches for the promotion and support of behavior change among patients or clients. This course is designed to enable students as future health care professionals to understand the continuum of mental health, as well as learn skills and/or referral processes required to support clients spanning the continuum.

3.000 Credit hours

Levels: Graduate, Undergraduate  
Schedule Types: Web Instructed

Health Sciences Department

### HSCI 125 - MEDICAL PHYSIOLOGY

This course examines the principles of modern human medical physiology. Emphasis is on understanding and analyzing the function and integration of physiological systems through the examination of homeostatic mechanisms progressing from molecular events to cellular, organ and system levels. The course will include lecture and in-class lab simulations.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

### HSCI 125L - PHYSIOLOGY LAB

The purpose of the course is to provide the opportunity to utilize state of the art laboratory equipment and techniques to accurately assess human physiology under various conditions. Exercise and environmental stressors are utilized to study physiological principles and maintenance of homeostasis with emphasis on the cardiovascular, respiratory, metabolic, and neuromuscular systems. The course will include data collection, presentation of observations in laboratory reports, and analysis of results in the context of normal physiological function.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Health Sciences Department

### HSCI 140 - PATIENT ASSESSMENT

Patient assessment is a core skill of all health care professionals. Health Sciences students enrolled will acquire a basic foundation of knowledge and skills regarding patient assessment in order to: 1. Monitor a patient's vitals 2. Demonstrate effective communication skills for future interactions with patients and healthcare professionals 3. Complete an appropriate patient history 4. Document findings 5. Communicate appropriately in regards to patient evaluation, care, and referral 6. Conduct basic wellness screenings 7. Become aware of various equipment used in healthcare and the basic set up of the equipment During this course, the student will

be introduced to basic techniques and skills used in order to obtain a complete and problem-focused patient/client history, physical examination, and appropriate documentation of such assessments. The laboratory sessions will provide the student an opportunity to practice these skills and to enhance their critical thinking. Note: This is intended to be an introductory and basic skills class.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

### HSCI 141 - HUMAN ANATOMY

This course includes the study of the gross anatomy of the human body. The course begins with teachings of the basic cell structure and tissue levels of organization. Other lecture areas include the study of the integumentary system, axial and appendicular skeleton, muscular system, nervous system, as well as other organ systems of the body. Lab activities will be included within the lecture course.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

### HSCI 141L - HUMAN ANATOMY LAB

The Human Anatomy Lab will provide hands-on learning to accompany topics covered in the Human Anatomy Lecture. Students will work independently and in groups to explore structures and systems of the human body.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Health Sciences Department

### HSCI 142 - COMMUNITY HEALTH EDUCATION

This elective course examines the competency-based framework utilized to improve health outcomes via effective community health education. The purpose of this course is to expose students to the foundational skills necessary to be effective health educators in their careers. Areas of study will include: evaluating individual and community health needs; planning, implementing, and managing health education strategies; comparing health education interventions; evaluating health education programs; and communicating health education messages. The course will include lecture with group discussion. Students will apply these concepts through the semester to a project on a health education topic of interest.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Course Attributes:  
Pharmacy Prof. Elective

### HSCI 143 - INTRODUCTION TO EPIDEMIOLOGY

Epidemiology is the basic science of public health and studies the health events with groups in a population. Introduction to Epidemiology is an examination of the foundation of this science including infectious and chronic disease, environmental health, social, and occupational epidemiology. We will examine the questions of "who", "what", "where", and "when" while introducing the practical application of basic epidemiologic concepts to establish "how" and "why". Epidemiologic data drives public health decision-making and aids in developing interventions to control and prevent health problems without the constraint of geographic borders. Therefore, these concepts will be explored in a global context. The course will progress through four sections of the core concepts of epidemiology including 1) introduction 2) rates, significance, accuracy 3) study designs and causality 4) applied epidemiology. The first lecture each week will focus on epidemiologic concepts. The second lecture each week will be used to apply concepts to a focus area. The topics are as follows: infectious disease, environmental and occupational, cancer and other chronic disease and clinical epidemiology. Readings in the two primary textbooks must be completed prior to the first lecture of each week. Supplemental readings should be completed prior to the second lecture of each week.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

### HSCI 144 - INTRODUCTION TO PUBLIC HEALTH

This Health Sciences Elective will serve as a foundational course for students seeking to complete the concentration in Global and Comparative Public Health and will also be of interest to students wanting to be more informed about a system that affects them daily. Issues in both US and foreign public health systems will be explored. The class format will be lecture and in-class discussion. Assessment methods include evaluation of in-class writing and discussion, essays, take-home assignments, group presentation and final examination.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:  
Pharmacy Prof. Elective

### HSCI 145 - HEALTH COACHING

**HEALTH COACHING: A GROWING APPROACH TO HEALTH AND WELLNESS:** In this Health Sciences and Pharmacy Elective course, students will learn techniques that can be used to coach patients to reach goals for health and wellness. This course will use a variety of teaching methods including role playing, self-reflection, and experiential learning.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

#### HSCI 146 - HUMAN DEV ACROSS LIFESPAN

This course will introduce students to the concepts and science of human development and the changes in development that occur across the life span from conception through death focusing on the physical, cognitive, and socioemotional changes that occur as individuals grow and develop. In addition, this class will introduce students to the major theoretical perspectives associated with human development, incorporate topics into "real world" examples, and present a contextual perspective of human development.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

#### HSCI 147 - INTERNATIONAL HEALTH TOPICS

This special topics course combines international internship and service learning experiences with pre and post readings, discussions, and reflections in order to maximize student learning, increase student awareness of cultural issues, and increase personal growth related to working in a developing country. Student will build skills in life-long learning, values and ethics, critical thinking, communication and collaboration.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Internship, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:  
Global and Cultural Understand

#### HSCI 148 - EXERCISE TEST & PRESCRIPTION

The purpose of this course is to provide the opportunity to utilize state of the art laboratory equipment and techniques to learn the concepts of physiological fitness testing and exercise prescription. Exercise prescription and the implementation of conditioning programs will include individuals of differing ages, fitness levels, and health status. Emphasis is on the five major health-related components of physical fitness: [1] cardiorespiratory fitness, [2] muscular strength, [3] muscular endurance, [4] flexibility, and [5] body composition. The course will include hands-on exercise testing using class members, interpretation of test results, and effective design of exercise programs [i.e. prescriptions].



3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

Course Attributes:  
Life Science, Pharmacy Prof. Elective

#### HSCI 149 - INTRO TO AT & SPORTS MED

This is an introductory lecture course with a lab included. The course will allow students to acquire the skills to recognize common injuries, illnesses and issues occurring in an athletic environment. The lab portion of the class will provide a hands-on approach to prevention and rehabilitation techniques including taping, therapeutic exercise and modalities. It is strongly recommended that students taking this course have had a previous course in human anatomy.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Athletic Training Department

#### HSCI 150 - SPECIAL TOPICS

Elective initial offerings. Course titles vary. Please refer to each specific course offering for a complete course description.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Health Sciences Department

#### HSCI 151 - TOXICOLOGY: STUDY OF POISONS

This is an introductory course to the broader field of toxicology. The course will provide a basic overview of the science of toxicology; explore how toxicology impacts society and our daily lives; and how the science of toxicology drives regulatory policies. The format of this course will include lectures, student-led presentations and discussions.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:  
Pharmacy Prof. Elective

### HSCI 153 - HEALTH AND DEVELOPMENT

Certainly, a desire to "give back" and help make the world a better place is a noble ambition. Unfortunately, the road to perdition is paved with such good intentions. The data is clear that health and development aid can do harm as well as good. In this course, we will explore why countries are poor, what can be done to alleviate their poverty, and some of the results of health and development aid schemes. This is a reading and discussion intensive type course that will familiarize students with current theories, and controversies in health and development. Working in this area is not easy. Idealists and do-gooders burn out quickly. Having an awareness of the major issues in development will assist you in being as effective as possible in your volunteer work or career as an aid worker. It will also make you a better informed citizen and voter. If you finish the course more confused than when you started it, that simply means you now understand how complex health and development aid actually is.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

### HSCI 154 - EXPERIENCES IN HEALTH SCIENCES

**COURSE PRE-REQUISITE/REGISTRATION INFO:** Students wishing to register for the course without meeting the specific pre-requisite requirements must contact the designated Instructor of Record for approval.  
**COURSE DESCRIPTION:** The purpose of this course is to allow students to gain real world experiences in the health sciences working with healthcare or other health sciences professionals throughout the semester on meaningful tasks and projects. The health sciences student will complete 112.5 experiential hours for preceptors and complete additional assignments for the course instructor that focus on reflective practices, critical thinking, and project development. Prior to starting the course, students must show proof of immunizations [Hepatitis B Series, Tdap, 2 MMR, Influenza Vaccine, PPD: TB Skin test and proof of chicken pox infection or the vaccine.] **COURSE MEETING TIMES:** TBA

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Independent Study, Web Instructed

### HSCI 155 - GUIDED RESEARCH I

This course, in conjunction with the internship, will form the didactic component of the capstone experience. Students will complete the process of writing, documenting and presenting the work associated with the internship. Course activities will include exploration of individual and organizational leadership in health care, review of literature/articles, and submission of a project idea and outline.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

Course Attributes:  
Community Engaged Learning

### HSCI 156 - GUIDED RESEARCH II

This course, in conjunction with the Internship in Health Sciences, will form the didactic component of the capstone experience. Students will complete the process of writing, documenting and presenting the work associated with the internship. Course activities will include exploration of individual and organizational leadership in health care, development of a manuscript aligning with their capstone experience, and presentation of a poster.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

Course Attributes:  
Community Engaged Learning

### HSCI 160 - SURV OF EVIDENCE BASED HLTHCRE

Survey of Evidenced Based Health Care is designed as a background and introductory course for the Evidence Based Medicine Certificate program. Although targeted to Athletic Training students the information presented is applicable to anyone who works in a health-care related field. Students will learn the definition of evidence-based health care (EBHC) and its history. Students will receive instruction in basic biostatistics and clinical trial design. They will learn how to read and critique the medical literature, including meta-analyses and systematic reviews. Students will learn how to discern misuse of the medical literature and how to apply the principles of EBHC to answer patient related health questions at the individual or system level. This online course will include online lectures, other online learning including videos, review and reading of medical literature including clinical studies. Evaluation will occur with online tests and quizzes as well as several assignments including answering drug information questions and other similar online assignments.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Web Instructed

Health Sciences Department

Course Attributes:  
Information Literacy

### HSCI 163 - PHARMACOLOGY FOR FTR HLTH PROF

The first portion of Fundamentals of Pharmacology examines the basic principles of pharmacology that govern all drug classes. Topics included in this section of the class are receptor theory, enzymes, agonists/antagonists, bioavailability and distribution, drug metabolism and excretion, drug-drug interactions, pharmacogenetics, and toxicity. The second portion of the class will examine specific drug classes. Students in this section will integrate physiological, biochemical, and the pharmacologic principles examined in the first portion of this class to understand the actions of specific drugs affecting major organ systems.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

#### HSCI 164 - TOPICS IN HEALTH SCIENCES

This Independent Study course offering provides an opportunity for students to participate in an undergraduate research or experience in a specific area of Health Sciences under the guidance and direction of a faculty member. Registration for this course must be pre-arranged with a faculty member and submitted for approval through the completion of an Independent Study form available in the College Dean's Office to the appropriate Department Chair and Associate Dean. In addition to approaching individual faculty members about opportunities in their areas of expertise, research/experience opportunities may also be available in Career bluePrint and the College of Pharmacy and Health Sciences Weekly Announcements.

1.000 TO 4.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

#### HSCI 165 - TOPICS IN PHARMACOLOGY

This Independent Study course offering provides an opportunity for students to participate in an undergraduate research or experience in a specific area of Pharmacology under the guidance and direction of a faculty member. Registration for this course must be pre-arranged with a faculty member and submitted for approval through the completion of an Independent Study form available in the College Dean's Office to the appropriate Department Chair and Associate Dean. In addition to approaching individual faculty members about opportunities in their areas of expertise, research/experience opportunities may also be available in Career bluePrint and the College of Pharmacy and Health Sciences Weekly Announcements.

1.000 TO 4.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

#### HSCI 166 - TOPICS IN PHARMACEUTICAL CHEM

This Independent Study course offering provides an opportunity for students to participate in an undergraduate research or experience in a specific area of Pharmaceutical Chemistry under the guidance and direction of a faculty member. Registration for this course must be pre-arranged with a faculty member and submitted for approval through the completion of an Independent Study form available in the College Dean's Office to the appropriate Department Chair and Associate Dean. In addition to approaching individual faculty members about opportunities in their areas of expertise, research/experience opportunities may also be available in

Career bluePrint and the College of Pharmacy and Health Sciences Weekly Announcements.

1.000 TO 4.000 Credit hours

Levels: Undergraduate

Schedule Types: Independent Study, Web Instructed

Pharmaceutical & Admin Science Department

### HSCI 172 - EVALUATING RESEARCH

This course is designed to integrate and apply principles of research-design, statistics, and health information to critically appraise medical and health sciences research literature to enable translation into scientific investigation, clinical practice or policy administration. The course will use a traditional lecture format to convey basic principles that are essential to understanding and evaluating medical and health sciences research literature. To supplement the required course textbook readings and lecture material, students may compile a portfolio of web-based resources and literature related to research-design, statistics, and health information to assist in their evaluation of primary literature. Traditional lecture will be enhanced by the use of specific literature examples for which the student will be required to review prior to class to facilitate discussion. Academic performance will be assessed using traditional written exams as well as regularly scheduled individual and group exercises. Students will be required to complete a project that demonstrates mastery of both navigating electronic literature databases and how to ethically use and apply scientific literature using citations within a review of research-based literature on an approved topic of their choice.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:

Information Literacy

### HSCI 196 - HEALTH SCIENCES INTERNSHIP I

**COURSE DESCRIPTION:** This course, the first of a two-term experiential sequence, is a component of the required Health Sciences Senior Capstone Experience. The purpose of this course is to provide students experiential opportunities related to health sciences issues and careers in their chosen pathway. Students will complete focused learning opportunities with preceptors on projects related to healthcare or other health sciences fields. Learning components include active learning site time, reflective communication, assessments, and documentation consistent with an experiential course. **COURSE REQUIREMENTS:** Must be a Health Sciences student in their senior year or otherwise approved by the Director of Health Sciences Experiential Education. All students must be up to date on adult, pediatric, and infant cardiopulmonary resuscitation [CPR], blood borne pathogen training, and HIPAA training prior to the start of the experience. All students are required to have completed the following immunizations prior to the start of the Senior Experience 196 course -- Series of Hepatitis B Vaccine, Tdap, 2 MMR, Influenza Vaccine; PPD: TB skin test and proof of Chicken Pox Infection or Vaccine.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Health Sciences Department

Course Attributes:  
Community Engaged Learning

### HSCI 197 - HEALTH SCIENCES INTERNSHIP II

**COURSE DESCRIPTION:** This course, the second of a two-term experiential sequence, is a component of the required Health Sciences Senior Capstone Experience. The purpose of this course is to provide students experiential opportunities related to health science issues and careers in their chosen pathway. Students will complete focused learning opportunities with preceptors on projects related to healthcare or other health sciences fields. Learning components include active learning site time, reflective communication, assessments, and documentation consistent with an experiential course. **COURSE REQUIREMENTS:** Must be a Health Sciences student in their senior year or otherwise approved by the Director of Health Sciences Experiential Education. All students must be up to date on adult, pediatric, and infant cardiopulmonary resuscitation [CPR], blood borne pathogen training, and HIPAA training prior to the start of the experience. All students are required to have completed the following immunizations prior to the start of the Senior Experience 196 course: Series of Hepatitis B Vaccine, Tdap, 2 MMR, Influenza Vaccine; PPD: TB skin test and proof of Chicken Pox Infection or Vaccine.

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Independent Study, Web Instructed

Health Sciences Department

Course Attributes:  
Community Engaged Learning

### HSCI 201 - INTRO TO HEALTH INFORMATICS

This course provides an overview of the roles of informatics and analytics within a health care organization. Various aspects of health informatics, which represents the convergence of information technology, information management, and health care, will be explored, including electronic health records, data standards and interoperability, clinical decision support, and healthcare data analytics. The knowledge and skills presented in this course will offer students a framework for deeper understanding of the concepts in subsequent coursework.

3.000 Credit hours

Levels: Graduate, Professional Health Care  
Schedule Types: Web Instructed

Health Sciences Department

Course Attributes:  
Drake Online Grad/Prof Program, Pharmacy Prof. Elective

### HSCI 241 - HUMAN ANATOMY

This course includes the study of the gross anatomy of the human body. The course begins with teachings of the basic cell structure and tissue levels of organization. Other lecture areas include the study of the integumentary system, axial and appendicular skeletons, muscular system, nervous system, as well as other organ systems of the body.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Health Sciences Department

### HSCI 260 - SURV OF EVIDENCE BASED HLTHCRE

Survey of Evidenced Based Health Care is designed as a background and introductory course for the Evidence Based Medicine Certificate program. Although targeted to Athletic Training students the information presented is applicable to anyone who works in a health-care related field. Students will receive instruction in basic biostatistics and clinical trial design. They will learn how to read and critique the medical literature, including meta-analyses and systematic reviews. Students will learn how discern misuse of the medical literature and how to apply the principles of EBHC to answer patient related health question at the individual or system level. This online course will include online lectures, other online learning including videos, review and reading of medical literature including clinical studies Evaluation will occur with online tests and quizzes as well as several assignments including answering drug information questions and other similar online assignments.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Health Sciences Department

Course Attributes:  
Drake Online Grad/Prof Program, Pharmacy Prof. Elective

### HSCI 261 - REVIEW OF STATS FOR EBHC

Review of Statistics for Evidenced-Based Healthcare is a course designed to provide a background and introduction to statistical concepts used in published research and is a part of the Evidence-Based Medicine Certificate program. Information presented in the course is applicable to anyone who works in a healthcare related field desiring to better understand research. Moreover, students will learn about general analytic approaches used in evidence-based health care (EBHC) and associated concepts. Students will receive instruction on basic (bio)statistics, trial design, and sources of bias. The course will be delivered online as part of the Evidence Based Health Care Certification.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Health Sciences Department

Course Attributes:

Drake Online Grad/Prof Program, Pharmacy Prof. Elective

### HSCI 262 - CRITICAL APPRAISAL IN EBHC

Systematic summaries of the literature are an informative means to synthesize a body of research and identify possible explanations for results that differ across studies within a topic. The course aims to provide health-care professionals with a structured training in designing, conducting, and interpreting high-quality systematic reviews in health care. Student will develop sufficient skills to conduct systematic reviews independently.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Health Sciences Department

Course Attributes:

Drake Online Grad/Prof Program, Pharmacy Prof. Elective

### HSCI 263 - PHARMACOLOGY FOR FTR HLTH PROF

The first portion of the course examines the basic principles of pharmacology that govern all drug classes. Topics included in this section of the class are receptor theory, enzymes, agonists/antagonists/inverse agonists/antagonists/inverse agonists/inhibitors, bioavailability and distribution, drug metabolism and excretion, drug-drug interactions, pharmacogenetics, and toxicity. The second portion of the class will examine specific drug classes. In this section, students will integrate physiological, biochemical, and the pharmacologic principles examined in the first portion of this class to understand the actions of specific drugs affecting major organ systems.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### HSCI 270 - PRACTICUM IN EBHC

This course will allow you to implement the basic concepts and skills of evidence-based health care. Students will turn clinical queries into a focused question, from which they can search the evidence. Students will either address a question through their own health care practice or be matched with a health care provider in their area of health care interest. They will have the opportunity to decide on a relevant question, search the evidence, present a critical appraisal of the question, and propose translation of the evidence into practice. This practicum is the final part of the Evidence-Based Healthcare Certification.

1.000 Credit hours



Levels: Graduate  
Schedule Types: Web Instructed

Health Sciences Department

Course Attributes:  
Drake Online Grad/Prof Program, Pharmacy Prof. Elective

INS 0-- - INS LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Insurance Department

INS 051 - PERSONAL RISK MANAGEMENT

Risk; various techniques for handling risk include the effective use of insurance; how insurance works; overview of insurance company functions and regulation; basic legal concepts of insurance; insurance products for meeting personal risks - life insurance, health insurance, homeowner's insurance, auto insurance and umbrella liability insurance.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Insurance Department

INS 1-- - INS UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Insurance Department

INS 141 - BUSINESS RISK MANAGEMENT

Risk management process, identifying risks, alternative techniques for handling business risks; evaluating alternatives; choosing and implementing the best alternative(s); handling business risks with life insurance, employee benefits, and business property-liability insurance.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Insurance Department

### INS 161 - INSURANCE COMPANY OPERATIONS

Financial aspects; key functions - product design and pricing, marketing, underwriting, reinsurance, claims handling, and investment; external factors affecting insurers in a rapidly changing world.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Insurance Department

### INS 180 - OPERATIONAL RISK MANAGEMENT

This course examines how organizations identify, analyze, and manage the possibility of loss. Students will learn general techniques to identify, control, and finance risks and will apply those techniques to specific situations involving legal liability, works compensation, employee benefits, and cyber security. Other topics include risk qualifications, decision heuristics, and insurance industry issues. Prereq.: INS 151 and Senior standing.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Insurance Department

### INS 190 - CASE STUDIES INS & ACTSCI

This seminar will be led by one of the full-time actuarial science/insurance faculty, although on several occasions, guest speakers from the Des Moines area community will lead discussions on topics of their expertise. The course will present a synthesis of key topics first learned in earlier courses, with special emphasis on applying skills that will be most useful in the workplace. Pedagogy will consist primarily of case studies and real world projects sourced from the insurance industry, with somewhat in-depth written reports and presentations by the students. Pre-requisite: Senior standing.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

### INS 230 - INDEPENDENT STUDY

Advanced individual study or research under the supervision of the faculty.

3.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Lecture, Web Instructed

Insurance Department

#### INS 280 - OPERATIONAL RISK MANAGEMENT

An examination of how organizations identify, analyze, and manage the possibility of loss caused by failed or inadequate processes or systems, or caused by events external to the organization. Pre Req: Graduate standing or consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Insurance Department

#### INS V-- - Insurance with validation

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

#### INTD 001 - CREW SCHOLARS 1

This course is offered in the Fall Semester only for first-semester Crew Scholars. Course readings focus on racial/ethnic identities, the relationship of such identities to academic institutions and models of academic success, and coalition building. Course activities also focus on building cohesion in the Crew Scholars cohort, and student writing includes reflective exercises.

1.000 Credit hours

1.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Interdisciplinary(workload) Department

#### INTD 002 - CREW SCHOLARS 2

This course is offered in the Spring Semester only for second-semester Crew Scholars. Building on Crew Scholars 1, course readings continue to focus on the understanding and navigation of racial/ethnic identities, the relationship of such identities to academic institutions and models of academic success, and multicultural coalition building; additional readings address mentorship. Course activities continue to build cohesion in the Crew Scholars cohort, and student writing includes reflective exercises.

1.000 Credit hours  
1.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Interdisciplinary(workload) Department

### INTD 003 - CREW SCHOLARS 3

This course is offered in the Fall Semester for second-year Crew Scholars. Building on Crew Scholars 1 and 2, in this semester, Crew Scholars mentor two incoming students in the program. Course activities include facilitating discussion with incoming first-semester students on assigned readings that analyze racial/ethnic identities and the relationship of such identities to academic institutions and models of academic success. Course activities also build cohesion across multiple Crew Scholars cohorts, and student writing includes reflective exercises.

1.000 Credit hours  
1.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Interdisciplinary(workload) Department

### INTD 004 - CREW SCHOLARS 4

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

### INTD 010 - CAREER DEV AND DECISION-MAKING

This course is designed to increase awareness of the professional decision-making process, explore career choices, and expand understanding of the relationship between education and the world of work. Emphasis will be placed on self-assessment as it relates to professional discernment, tackling the job search, issues related to hiring and the workplace, and the graduate school admission process.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Interdisciplinary(workload) Department

### INTD 020 - ENGAGED CITIZEN CORPS SEMINAR

1.500 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Community Engaged Learning, Engaged Citizen

#### INTD 025 - BULLDOG FOUNDATIONS

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

#### INTD 030 - IOWA CAUCUS 2020

This interdisciplinary program explores the concept of a purposefully-created culture to achieve leadership goals--using the development, construction, and operation of Walt Disney World, E.P.C.O.T., and the Reedy Creek Improvement District as the model for study--and applying said goals to their personal and professional lives at Drake University.

1.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

#### INTD 050 - VOTE SMART AT DRAKE INTERNSHIP

Project Vote Smart is a nationally recognized organization that enables any citizen to access information about elected officials and candidates for office. Headquartered at Drake, it offers internships in the spring, summer, and fall semesters. In an age of "fake news" and political hyperbole, voters deserve factual, unbiased information to help them make informed decisions. Students will work with the Vote Smart staff, under the supervisions of a Drake faculty member, to provide information about elected officials and candidates across the nation.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Course Attributes:  
Engaged Citizen

#### INTD 075 - COMMUNITY DIALOGUE & DEVELOP

This is an engaged citizen and critical thinking course. It will bring together students from a variety of disciplines to discuss ways in which to further understand and experience community. The course will allow students to define and design their own service-learning experience in the local community and classroom environment. The class will address definitions, core theories, principles, and practices of community. The community is our classroom and textbook. We will spend many hours in and outside of classroom hours in reflective observation and active participation in the Greater Des Moines area.

2.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Engaged Citizen, Critical Thinking

#### INTD 076 - EXPLORATIONS OF URBAN POVERTY

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### INTD 085 - DEVELOPING DEMOCRACY

Developing Democracy: Critical Issues in Creating Democratic Engagement uses highly interactive methods to engage students in debates about critical historical and contemporary issues related to the development of democracy. The course uses a role-playing pedagogy called "Reacting to the Past" where each semester students will play roles in at least two elaborate games that call for research, writing, and oral presentations on political, social, or philosophical debates related to the development of democratic constitutions or key cultural, political, religious, social, or diplomatic issues faced by democracies. Representative games include: "The Threshold of Democracy: Athens in 403 B.C.," "Rousseau, Burke, and Revolution in France, 1791," "Defining a Nation: India on the Eve of Independence, 1945," "New York City in the American Revolution, 1775-1776," "Kansas Board of Education 1999: Evolution and Creationism," and "The Collapse of Apartheid and the Dawn of Democracy in South Africa," but new games are in development and may be used for this course. Sophomore standing or above is required.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Interdisciplinary(workload) Department

Course Attributes:  
Engaged Citizen

#### INTD 087 - DISEASE, DIALOGUE, & DEMOCRACY

Examination of how both social and scientific forces shaped human society in the context of historical human disease outbreaks. Relationships will be built from historical occurrences to possible applications in modern society. This course counts towards the Engaged Citizen AOI.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Division Undeclared Division  
Interdisciplinary(workload) Department

Course Attributes:  
Engaged Citizen

INTD 095 - SPECIAL TOPICS

0.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

INTD 099 - HOLOCAUST AND HERITAGE

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Historical Foundations

INTD 110 - SPECIAL TOPICS?

0.000 TO 5.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

INTD 111 - SOCIAL IDENTITY AND POWER

This highly interactive and engaging class will encourage students to become identity-conscious through an in-depth exploration of personal identities (including, but not limited to, race, ethnicity, socioeconomic status, gender, religion, age, and nationality). Class discussions will allow students to delve into the society construction of their identities and how these inform one's social justice work. In addition, in the second portion of this class students will learn tangible skills for power- building around their issues of passion. Class requirements will include active participation in discussions, weekly journal reflections, one blog post, and regular attendance at on-campus social justice events of their choice. Enrollment by instructor permission; sophomore level or above.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

INTD 121 - FRAMING RACE: REPAIR AND RPRTN

What are the necessary and institutional ethical responses to long legacies of systemic racial injustice and hierarchy? This course will explore what it would mean and what it would take to move the framework for discussing race away from diversity and inclusion towards a focus on structural change and repair of harm done. The class will explore political, educational, corporate, and ecclesial approaches to reparations, while paying careful attention to the current national racial climate out of which such calls emerge, especially arguments being made by activists such as those affiliated with Black Lives Matter. This course is affiliated with the 2016-2019 Baum Chair for Ethics in the Professions.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Written Communication

#### INTD 140 - SPECIAL TOPICS IN INTL STUDIES

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### INTD 150 - SPECIAL TOPICS

1.000 TO 6.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

#### INTD 160 - GLOBAL AMBASSADOR CAPSTONE

2.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### INTD 199 - GLOBAL AMBASSADOR CAPSTONE

1.000 TO 2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### IREL 1-- - IREL UPPER DIVISION

1.000 TO 10.000 Credit hours



Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Politics & Int'l Relations Department

IS 0-- - IS LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Information Systems Department

IS 044 - MCRSFT OFFC TLS FOR BUS ANLYSS

Microsoft Office Tools for Business Analysis. Students will become proficient in the use of software for communication and presentation of text and data using Microsoft Office Suite Tools. This course explores the use of technology and application software for solving business problems, both analytic and organizational in nature. The course uses the most current Microsoft Office application suite, including Word, Excel and PowerPoint. Topics include the use of financial, logical, and time functions in creating worksheets and the use of Pivot tables and charts in analyzing and presenting data. Topics also include how to use technology reliably and safely to avoid data loss and to avoid potential security compromises with an emphasis on ethical practices with regard to data and privacy issues. With all topics, there will be an emphasis on problem solving where the tools are used to create desired solutions. Prereq.: MATH 020 or equivalent college algebra course, knowledge of basic software tools including word processing, email, Internet browsers, and presentation software.

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Information Systems Department

IS 075 - INFO TECHNOLOGY AND BUSINESS

Information systems are an integral part of all business activities and careers. This course introduces students to contemporary information systems and demonstrates how these systems are used throughout global organizations. The focus of this course is on the key components of information systems - people, software, hardware, data, and communication technologies, and how these components can be integrated and managed to create competitive advantage. Through the knowledge of how IS provides a competitive advantage, students will gain an understanding of how information is used in organizations and how IT enables improvement in quality, speed, and agility.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### IS 080 - VISUAL BASIC

An introduction to Visual Basic programming. The course emphasizes the use of the Visual Basic programming language to develop graphical user interfaces for client/server application in a networked information systems environment. Topics covered include structured programming techniques, visual (event-driven) programming for developing Windows application, sequential file processing, and an introduction to database programming. Prereq.: IS 044 or CS 065 or any other three (3) hour programming course.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

### IS 083 - INFORMATION TECH LAW & ETHICS

This course surveys the laws and ethical issues that impact information technology professionals. Topics include legal and ethical perspectives on data collection and management, information dissemination, cybersecurity, online privacy and freedom of expression, digital intellectual property management, software development, software development, and social networking use. The future of information technology and its predicted impacts are also discussed. Prereq.: Sophomore Standing

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

### IS 084 - DATA MGMT FOR BUS ANALYSIS

Students will learn about data formats and the organizational data life cycle that supports data analytics and knowledge management. Database management tools will be used to develop solutions to solve business problems. Topics include table creation and relationships, data access and queries, forms, and reports. Data-related ethical and legal issues will also be discussed. Prereq.: IS 044

2.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### IS 1-- - IS UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Information Systems Department

### IS 107 - PROGRAMMING & APPLICATION DEV

An introduction to Visual Basic programming. The course emphasizes the use of the Visual Basic programming language to develop graphical user interfaces for client/server application in a networked information systems environment. Topics covered include structured programming techniques, visual (event-driven) programming for developing Windows application, sequential file processing, and an introduction to database programming. Prereq.: IS 044 or CS 065 or any other three (3) hour programming course.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

#### IS 114 - ADVANCED IT APPS FOR BUSINESS

This course focuses on advanced applications of Microsoft Excel, Microsoft Access, and Visual Basic Applications (VBA). Emphasis is on integration of advanced data analysis tools and techniques with reporting and presentation tools for solving business problems and presenting results. Prereq.: IS 044 or equivalent.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Information Systems Department

#### IS 145 - WEBSITE TECHNOLOGY

An introduction to website technology and programming using the Hypertext Markup Language (HTML) and other website development languages. Emphasis is on using the Web for business content presentation. Topics include content markup, website design and hyperlinks, content organization, style sheets, and multimedia. Prereq.: IS 044 or CS 065.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Accounting Department

Course Attributes:  
Community Engaged Learning

#### IS 147 - HUMAN FACTORS IN INFO SYSTEMS

This course explores current trends in systems development related to human-computer interaction. Specifically, this course focuses on information about human behavior, cognition, abilities and limitations, and other characteristics relevant to interaction with information systems. Specific strategies which apply these concepts in an effort to improve system usability will be explored.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

### IS 150 - NETWORK MANAGEMENT

A study of the modern networking concepts and terminology, network protocols and architectures, and distributed applications within modern systems. The Internet and its applications, its security issues, and management issues are emphasized. Prereq.: IS 044 or CS 065.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### IS 160 - DATABASE MANAGEMENT

A study of database concepts and technologies used in managing and using data within modern organizations: defining data needs; using modern database tools; understanding database design; and creating applications. Prereq.: IS 044 or CS 065.

3.000 Credit hours

Levels: Non-Drake, Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Information Systems Department

### IS 161 - INFO SYSTEMS ANALYSIS & DESIGN

Course provides an introduction to strategies and technologies for analyzing business processes and systems in an organization. Course topics include overview of systems development methodologies and project management, systems planning (project selection and initiation and requirements discovery), systems analysis (Process and logic modeling), systems design (prototyping, rapid application development, and agile development), and systems implementation (quality assurance and maintenance). Prereq.: IS 080 or IS 107 or CS 066.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Information Systems Department

### IS 172 - EXPLORING THE SILICON PRAIRIE

This class is designed for students with an interest in technology and its various applications not only in the business realm, but also in society at large. This course will explore the history of technology and focus on how these powerful systems have fundamentally reshaped modern organizations along with our society. Particular emphasis will be placed on the "Silicon Prairie" we live in, as well as the global world. Topics of study will range from the technologies, methods, and practices of developing new innovations to how this knowledge and these skills are applied to re-engineer business processes.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Information Systems Department

Course Attributes:  
Historical Foundations

### IS 194 - ELECTRONIC COMMERCE

A study of internet-based electronic commerce. Topics include the information technologies underlying the electronic marketplace, and the impact of e-commerce on content, retail, and service industries, organizational strategy, and society. Prereq.: MGMT 110 and MKTG 101.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Information Systems Department

### IS 198 - CUR INFO SYST ISSUES

Timely or innovative course in information systems. Not scheduled regularly.

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Information Systems Department

### IS 199 - INDEPENDENT STUDY

Individual advanced study and research under faculty supervision.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Information Systems Department

### IS 210 - BUS ANALYTICS, TEAMS & PROJECT

In this course, students will be introduced to business analytics concepts. Specifically, students will explore all aspects of business analytics projects focusing on how businesses use data to solve business problems. Class topics will address data including concepts of team formation, problem analysis, requirements gathering, and other project management concepts. Prereq: Graduate standing and consent of the Assistant Dean, Graduate & Professional Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### IS 220 - INFO TECH LEGAL ETHICAL ISSUES

This course provides an overview of ethical and legal issues associated with business information technology usage, data collection, data sharing, and data-driven decision making. Topics include ethical and legal perspectives on privacy and information rights, organizational computer usage policies, cybercrime, and intellectual property. Prereq: Graduate standing and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### IS 230 - INDEPENDENT STUDY

Advanced individual study or research under the supervision of the faculty.

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Information Systems Department

#### IS 231 - DATA MGMT AND VISUAL ANALYTICS

A study of database concepts and technologies used in managing and using data within modern organizations: defining data needs; using modern database tools; understanding database design; and creating applications. Class time is also devoted to the topic of visualization and visual analytics tools. Prereq: One of the following - IS 210, MDAL 210, or HSCI 201. Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### IS 284 - ELECTRONIC COMMERCE STRATEGY

A survey of the impact of electronic commerce on organizational strategy using class lecture/discussion and case studies. Topics include theoretical perspectives on the impact of electronic commerce on individuals, organizations and society; Internet and Web technology concepts and capabilities; transformation of content and service industries; and the impact of the internet on order fulfillment subprocesses (retailing, auctions, payments and distribution). Consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

### IS 298 - CURRENT ISSUES IN INFO SYSTEMS

Special topics seminar. Topics vary. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Information Systems Department

### IS V-- - Info Systems with validation

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

### ISHS 100 - THEMES IN THE ISHS

How has Charles Darwin influenced the field of literary study? How has neuroscience affected movie making? What can artists tell us about the scientific advancements of their time? How might these advancements have affected art itself? How has biology affected the social sciences? What can the history of science tell us about the process of scientific discovery? Why were so many famous scientists also philosophers? Why and how has religion had such a strong influence on science? What does science have to say about faith? Why are math and philosophy so strongly connected? When, why, and how did science and the humanities become different fields of studies?

The concentration program in the Interdisciplinary Study of the Humanities and Sciences (ISHS) explores how we might address such. This course is the cornerstone in the ISHS curriculum; as such, it familiarizes students with the various ways in which the humanities and sciences interact with, influence, and inform one another. The course begins by raising questions about: (1) the nature/definition of the humanities and the sciences as (sets of) disciplines; (2) the boundaries/distinctions between the various fields within/across disciplinary lines; and (3) the characteristic ways in which knowledge is produced, transmitted, and used within each set of disciplines. The course also offers a survey of various models of interaction between the humanities and sciences, including a sampling of work from fields such as philosophy of science, history of science, sociology of science, literary studies of science, science dramatization, fine arts and science, religious studies and science, science journalism, and cultural studies of science. The course equips students to frame and address particular questions (ethical, social, epistemic, practical) that arise at the intersection of the humanities and the sciences.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Interdisciplinary(workload) Department

### ISHS 199 - INDEPENDENT STUDY

A culminating, individualized learning experience that integrates scientific and mathematical inquiry with humanities and social sciences inquiry.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Interdisciplinary(workload) Department

### ISIT 040 - Info Tech & Creative Change

Information Technology and Creative Change, will explore the "big picture" of the impact of information technology on contemporary society and the changes that information technology makes both necessary and possible. The Information Age that reflects and shapes the world is a direct result of the movement and manipulation of information through electronic media. This information and the technology that disseminates it have evolved throughout history even as they continue to evolve in the future. This course will explore the resources of digital information with an interdisciplinary perspective by utilizing affiliate faculty from a variety of departments across the university. Information Technology and Creative Change will sufficiently prepare students to continue with Tier 2 (Changing Impact of Information Technology on Society and Culture) courses of their choice.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### ISIT 050 - Fluency w/ Info Technology

Fluency with Information Technology (IT) will be designed to complement the SIT40: Information Technology & Creative Change course concepts. At the completion of Information Fluency, the student will have a basic understanding of IT, will have developed fundamental knowledge of relationships among hardware, software, networks and people, will have become an informed user of technology and aware of the numerous social issues through research, papers, and discussion. Fluency with IT will sufficiently prepare students to continue with Tier 3 (Discipline-specific Information Technology Applications) course of their choosing.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### ITAL 0-- - ITAL LOWER DIVISION



0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

World Languages and Cultures Department

#### ITAL 001 - BEGINNING ITALIAN I

Italian 001 is the first of two semesters of introductory Italian. The course emphasizes communication by improving students' speaking, writing, listening, and reading skills. The grammar of Italian is introduced. Students also become familiar with the culture associated with Italy. Students practice communicating in the language with the instructor, the native speaker, and fellow students.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

World Languages and Cultures Department

#### ITAL 002 - BEGINNING ITALIAN II

Italian 002 is the second of two semesters of introductory Italian. This course, much like the previous course, emphasizes communication by improving students' speaking, writing, listening, and reading skills. The grammar of Italian is introduced and expanded. Students continue to become familiar with the culture associated with Italy. Students communicate in the language with the instructor, the native speaker, and fellow students.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

World Languages and Cultures Department

#### JAPN 0-- - JAPN LOWER LEVEL TRANSFER CR

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

World Languages and Cultures Department

#### JAPN 001 - BEGINNING JAPANESE I

Japanese 001 is for students with no previous experience with the Japanese language. The course covers hiragana, katakana, greetings, self-introductions, basic Japanese structures, and expressions used to describe directions and locations. Students have opportunities to explore Japanese life and culture through Japanese cultural learning weblogs.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### JAPN 002 - BEGINNING JAPANESE II

Japanese 002 is for the students who have very basic knowledge of Japanese and are able to read and write most Hiragana and Katakana. The course introduces over 50 basic Kanji characters, while students continue to reinforce their Hiragana and Katakana knowledge. Thematic foci include: daily/weekly routines, leisure time, favorite things, and activities. Students have opportunities to explore Japanese life and culture through class activities, and Japanese cultural learning weblogs.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

Global and Cultural Understand, International & Multicultural

#### JAPN 051 - INTERMEDIATE JAPANESE I

Japanese 051 covers the last four chapters of the beginning level Japanese text book, Nakama 1. Thematic foci include: restaurants, invitations, family members, seasons, weather, annual events, and past experiences. While exploring the given themes, students learn vocabulary and sentence structures related to making choices, making proposals, making inferences, expressing opinions, expressing hearsay, and so on. This course introduces over 70 new Kanji related to the assigned themes. Emphasis is also placed on cultural learning through assignments and activities both in and out of the classroom.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### JAPN 052 - INTERMEDIATE JAPANESE II

Japanese 052 covers the first 4 chapters of an intermediate level Japanese textbook, Nakama 2. Thematic foci include: climate, travel, favors, post office, and banks. Through these given themes and situations, students learn vocabulary and sentence structures related to expressing uncertainty, expressing intention, expressing chronological order, expressing obligations, and so on. Emphasis is also placed on cultural learning through assignments and activities both in and out of the classroom.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

Global and Cultural Understand, International & Multicultural

JAPN 1-- - JAPN UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Modern Language Department

JAPN 140 - JAPANESE PRCTL SPKG&WRTG

Japanese 140 is for students who have mastery of basic Japanese. Through the given themes, students learn vocabularies and sentence structures to express purposes, possibility, desires, favors, request for permission, and so on. Thematic foci include: future plan, directions, gifts, and employment. Cultural learning is also emphasized.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

JAPN 150 - JAPNESE LANG & CLTR

This is a topics course for advanced language learners. Students may repeat this course as the topic changes.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

World Languages and Cultures Department

JAPN 153 - JAPANESE LANG & CULT ISSUES I

Japanese 153 is designed for students who have successfully completed Japanese 140 or students with equivalent Japanese proficiency. This course focuses on complex grammatical structures, vocabulary, expressions, and kanji to appropriately interact and function in various situations. By the end of the semester, students will be able to engage in daily communications such as customs and regulations, performance of favor, express complaints, express respect to social superiors, etc. While reinforcing the communication skills acquired through previous courses, this course will also prepare students to comprehend and discuss Japanese materials related to socio-cultural issues of modern Japan.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## World Languages and Cultures Department

### JAPN 154 - JAPANESE LANG & CULT ISSUES II

Japanese 154 is designed for students who have successfully completed Japanese 153, or students with equivalent Japanese proficiency. This course introduces higher-level grammar and expressions while reinforcing previously-learned materials. Students will comprehend authentic Japanese materials regarding Japanese daily lives and appropriately express themselves in various formats and in various social settings. Students also will enhance their understanding of Japanese society and be able to analyze and discuss cultural issues of modern Japan.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## World Languages and Cultures Department

### JAPN 170 - INDEPENDENT STUDY

Students enrolled in this course utilize their language skills to pursue an area of interest while working directly with a professor of the language.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

### JMC 0-- - JMC LOWER LEVEL ELECTIVE

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

### JMC 030 - MASS MEDIA IN A GLOBAL SOCIETY

Introduction to the role and functions of mass media in an increasingly global society. Survey of newspapers, magazines, books, radio-television, advertising, public relations, digital media and the Web. Seeks to foster an understanding of how media either facilitate or inhibit understanding of various racial, cultural and gender issues. Students will critically analyze a variety of media and their messages, focusing on explicit and implicit messages about race, gender and ethnicity. Appreciate the role of mass media, both historical and contemporary, in a global society. Fall semester reserved for entering first year SJMC majors.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Information Literacy

### JMC 031 - MULTIMEDIA LAB

Introduction to multimedia communication; lab component of JMC 030.

1.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lab, Web Instructed  
All Sections for this Course

### JMC 040 - PRE-PROFESSIONAL WORKSHOP

This workshop-style short course is designed to introduce journalism and mass communication students early in their college careers to the professional environment. This course will advise and coach students in the tools and best practice techniques for acquiring jobs and internships including evaluating their skills, abilities and defining their personal brand. The course is required of all JMC majors and should be completed during the sophomore year.

1.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

### JMC 041 - FIN FUNDAMNTLS FOR COMM PROFSL

This one-credit course provides an introduction to basic business principles and terminology for non-business majors, with an emphasis on communications professionals. Topics include fundamentals of business organizations; reading and interpreting business financial statements; investment basics; understanding economic indicators; writing a business plan, and basic applied math. Must be sophomore classification

Offered: Fall and Spring First time offered: Fall 2016

1.000 Credit hours

Levels: Non-Drake, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Lecture/Lab Combo, Web Instructed

### JMC 054 - REPORTING & WRITING PRINCIPLES

Information evaluation, fact-gathering methods and journalism writing style, with extensive practice. For SJMC majors and minors only.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Lecture/Lab Combo, Web Instructed

Course Attributes:

Community Engaged Learning, Written Communication

### JMC 055 - DIGITAL MEDIA STRATEGIES

Digital technology is constantly evolving. And while the web has grown into a hub of innovation, and social media has allowed the world to communicate in new ways, it's extremely difficult to attract and retain a loyal audience across a bevy of digital platforms. The noise can be deafening. Digital Strategies will introduce students to the tools and best practices to cut through the din. Students will understand how to grow, engage and maintain a digital audience, creating effective native social content and email newsletters while also using analytics to drive and adapt a multi-platform plan. Students will also delve into the complexities of Search Engine Optimization (SEO), data journalism, and data visualization, as well as investigate the latest tech advances popping in Silicon Valley, on the Silicon Prairie, and from the world at large.

Offered Fall and Spring.

First time offered: Spring 2016

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

### JMC 057 - VIDEO PRODUCTION

Introduction to planning and producing video segments and programs, for television and digital distribution. This course will provide students the technical background to integrate production elements into other SJMC classes and serve as a prerequisite for the more advanced digital media production courses.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

### JMC 058 - INTRO TO VISUAL COM (Non-JMC)

Survey of visual communications, including basic page/screen design, type and typography, color, illustrations, and concepts. Each topic is approached both analytically and aesthetically. Designed for non-journalism majors only. Laptop required (minimum: i3 processor, 4 gigs of ram, 200 gigs of free storage space, Wireless N.) subscription to the Creative Suite.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Course Attributes:

Artistic Experience

### JMC 059 - INTRO TO VISUAL COMMUNICATION

Introduction to Visual Communication helps students master the fundamental principles of good design, color, balance and contrast using different media to convey a message. Photography, print, and web will be explored. Instruction on using digital cameras, PhotoShop, InDesign and other softwares will illustrate the elements of design and communication for each medium. For SJMC majors and minors only.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Course Attributes:  
Artistic Experience

### JMC 060 - INDEPENDENT STUDY

Intensive independent study or activity, faculty-supervised or special group seminar. Restricted to juniors and seniors with superior grades. Pre-req.: Consent of adviser, instructor, and dean

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Independent Study, Web Instructed

### JMC 063 - VIDEO FOR JOURNALISTS

Use of video technology to communicate effectively in a journalistic environment, with emphasis on field production. Identification of stories best-suited to video storytelling; basic principles of video storytelling and creation of a compelling narrative; operation of a variety of video cameras and of non-linear video editing software; technical and artistic fundamentals for gathering and editing audio and video; writing specifically for the ear and eye; preparation of video stories for web presentation; on-camera presentation; and use of video as a marketing and branding tool.

Pre-requisites: JMC 31, JMC 54, and JMC 57. Must be Digital Media Production, News, News/Internet, Broadcast News, or Magazine Media major.

3.000 Credit hours

Levels: Non-Drake, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Lecture/Lab Combo, Web Instructed

### JMC 066 - MEDIA RESPONSIBILITY OVER TIME

This course examines the ways in which mass media have influenced and shaped U.S. culture and seeks to foster an understanding of how media either facilitate or inhibit understanding of various racial, cultural and sexual issues endemic to American society. Students will critically analyze a variety of media--books, films, magazines, newspapers, broadcasting, and cable--and their messages, focusing on explicit and implicit messages about race, gender and ethnicity. Sophomore status.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Community Engaged Learning, Engaged Citizen

### JMC 067 - DIGITAL AUDIO WRITING & PROD

Planning, writing and producing radio programs and program elements. Digital audio production for alternative delivery methods. Producing and hosting a weekly program on KDRA-LP. Pre-requisite: JMC 054

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

### JMC 070 - MEDIA EDITING

Editing for newspapers, magazines and websites. Heavy emphasis on grammar, usage and Associated Press style. Also includes editing for accuracy, organization, structure, clarity, cultural sensitivity and fairness; headline and outline writing; coaching writers; and law and ethics.

Prerequisite: JMC 54.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

### JMC 073 - AUDIO NEWS REPORTING & EDITING

Reporting and producing radio news stories and newscasts for traditional and Web audiences.

Restriction: Must be junior status

Prerequisite: JMC 31, JMC 98

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

### JMC 075 - DIGITAL PHOTOGRAPHY

This is a hands-on class focusing on the technical and aesthetic properties of digital photography, with an emphasis on how these qualities inform through image content. Topics include lenses and optics, light and sensors, depth of field and perspective, image processing and editing, and the history and ethics of photography. Students are required to have access to a manually adjustable digital camera, preferably a DSLR, for the entire semester. A subscription to Adobe Photoshop Creative Cloud is highly recommended.

Pre-requisites: JMC 59; Must be Sophomore+ Classification SJMC majors only Offered: Fall (First offered beginning Fall 2016)



3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

### JMC 076 - ADVERTISING PRINCIPLES

Everything in advertising begins with knowing the consumer. We have access to and regularly utilize a database of millions of records of consumer demographics and buying behaviors. All our planning begins with our immersion into consumer perspectives. From there, students explore all forms of media, media consumption, persuasion theories, writing and designing. During the semester students put their skills and knowledge into practice by planning and executing an integrated ad campaign.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Critical Thinking

### JMC 080 - FOUNDATIONS OF STRATEGIC COMM

This course explores the role of communication in today's organizations. Students will develop an appreciation for and understanding of the critical thinking, research, planning and communication skills necessary for successful strategic communication campaigns. Using the current media environment as a foundation, students will learn the strategies and tools needed to successfully advocate on behalf of a client, utilize a database of millions of records of consumer demographics and buying behaviors to plan and execute an integrated campaign, and acquire a solid foundation in the basic theories and concepts of communication, persuasion, motivation and learning which are integral parts in the success of engaging diverse audiences. Students will also analyze the implications of ethical communication practice in a diverse society and will understand the different skills required to build a successful career in communication fields.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Web Instructed

Course Attributes:  
Drake Online Undergrad Program

### JMC 084 - BRAND MEDIA PRINCIPLES

This course explores the role of brand media in society. Students will develop an understanding of owned content, sponsored content, and branded content, as well as magazines as brands. In addition, students will gain an understanding of audience and mission, and the role of advertising in brand media. Students will acquire a foundation in the basic components of brand media including content for print, digital, and social platforms. Students will explore specialization of content for a targeted audience, the editorial process, and content types, as well as be introduced to voice and tone. Students will examine the categories of brand media including consumer, business-to-business, association, advocacy, and sponsored, and the content associated with each. Students will explore ethical implications for journalists as they attempt to balance the needs of audiences and

advertisers.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

#### JMC 085 - PUBLIC RELATIONS PRINCIPLES

This course explores the role of public relations in today's organizations. Students will develop an appreciation for and understanding of the critical thinking, research, planning and communication skills necessary for the effective practice of public relations. Students will acquire a solid foundation in the basic theories and concepts of communication, persuasion, motivation and learning which are integral parts in the success of public relations and in engaging people. Prereq.: Sophomore standing

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Course Attributes:

Community Engaged Learning, Engaged Citizen

#### JMC 088 - INTRO TO STRATEGIC POLTCL COM

This course will provide an introduction to the practical understanding and application of modern strategic political communication in candidate and issues campaigns. Using the current media environment as a foundation, students will learn the strategies and tools needed to successfully advocate on behalf of a client in the political context. Students will also analyze the implications of ethical political campaign communication practice in a diverse society, and will understand the different careers in which political communication skills will be required, and how those skills vary depending on audience, client, and venue. Coursework includes the original assessment of communication strategies employed in a contemporary political campaign, ballot initiative, or issue.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

#### JMC 091 - MAGAZINE STAFF WRITING

Professional approach to writing as part of a magazine staff includes story pitches, interviewing, research, writing, peer editing, rewriting, fact-checking, proofreading. Students identify an audience and develop an editorial philosophy and formula to serve that audience. Article writing includes briefs, blogging, profile, travel, features and multimedia production. Prereq: JMC 054

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Course Attributes:  
Written Communication

### JMC 098 - ADV REPORTING FOR PRINT & ONLI

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

### JMC 099 - SPECIAL TOPICS

Occasional lower-division courses offered on special topics not otherwise covered in the journalism curriculum. Courses may meet for part or all of a semester. Class number up to three credits overall. Course number repeatable with different topic.

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

### JMC 1-- - JMC UPPER LEVEL ELECTIVE

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

### JMC 103 - PUBLIC AFFAIRS REPORTING

Advanced course in news reporting and writing focused on government agencies and other institutions that involve public life. Emphasis on textual and audio storytelling, with frequent practice writing and producing for the immediacy of web and mobile as well as with writing and producing with depth, context and perspective. Exposure to advanced reporting and writing techniques, including public records and databases; basic principles of audio storytelling; operation of audio equipment and editing software; technical and artistic fundamentals of gathering and editing audio; and preparation of packaged stories for web publication. Discussions of ethical, legal and other important current issues of the news media and society.

Pre-requisites: JMC 070, 098 Must be a junior.

Offered: Fall First offered beginning Fall 2016

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:  
Information Literacy

### JMC 104 - COMMUNICATIONS LAW & ETHICS

Press freedom, ethics, social responsibility, pressures and problems; legal limitations, including libel, privacy, intellectual property and obscenity. Must be Junior Status. Not open to first-year students or sophomores.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Course Attributes:

Cat 2 - LPS - Contemp Issues, Values and Ethics

### JMC 105 - WEB PAGE DESIGN

Introduces students to the basics of designing pages for the web. Students will learn to write HTML and CSS. They will create a website using a content management system (Wordpress). Topics explored include search engine optimization, social media, web analytics and current trends in digital media.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

### JMC 107 - PERSUASIVE WRITING

Students in this course will practice writing for paid, earned, shared and owned channels. Audience differentiation, media and creative strategy are all considered. Emphasis is on concept development, persuasive writing and execution, culminating in a professional portfolio presentation.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Web Instructed

Course Attributes:

Drake Online Undergrad Program

### JMC 109 - INTERNSHIP

Supervised work experience in journalism and mass communication. May be repeated, but not more than three credit hours may be counted toward a degree. Application forms must be completed and approved before the work experience begins. Prereq.: Consent of adviser, instructor and dean.

0.000 TO 3.000 Credit hours

1.000 Other hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

### JMC 113 - CONCEPTS IN CONSUMER AWARENESS

This course combines the introductory concepts of research, planning and media planning for advertising under the umbrella of consumer behavior. Prereq: JMC 054, 076 3 Credit Hours.

3.000 Credit hours

Levels: Non-Drake, Graduate, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### JMC 114 - ADVANCED VIDEO PRODUCTION

The course focuses on producing non-news content for traditional broadcast, the web, and new media applications. Techniques of advanced production, including HD camera operation, multichannel sound, editing, lighting and directing will be emphasized. Pre-req: JMC 067 OR JMC 063 and Senior standing

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### JMC 115 - PRODUCING TV SPORTS

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Journalism & MC Department

#### JMC 116 - DOCUMENTARY PRODUCTION

Long-form documentary storytelling and production, including story conception and planning, reporting and interviewing, video and audio gathering and editing, lighting, and video graphics. Pre-requisite: JMC 063.

3.000 Credit hours

3.000 Lab hours

Levels: Undergraduate  
Schedule Types: Lab, Web Instructed

Journalism & MC Department

#### JMC 117 - STRATEGIC MEDIA PLANNING

Advanced topics of media planning. Students will advance their experience with media selection decisions by analyzing audience metrics and competitive media strategies/tactics to create media plans using simulation software. Prereq: 113 (Marketing majors: Please contact instructor for approval)

3.000 Credit hours

Levels: Non-Drake, Graduate, Undergraduate  
Schedule Types: Lecture, Web Instructed

### JMC 118 - MEREDITH APPRENTICESHIP

Students are selected by magazine faculty for this program yearly, based on academic achievement, performance in professional coursework, background in specialized topics, and extra-curricular activities. OPEN TO AND REQUIRED ONLY OF APPRENTICES, TAKEN IN THE JUNIOR OR SENIOR YEAR.

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

### JMC 119 - MAGAZINE PUBLISHING

Overview of the magazine industry includes its history, ethics, and social influence, including racial, ethnic and other demographic shifts; market considerations such as advertising, audience research, circulation, marketing, and ancillary revenue; and editorial philosophies and formulas, design principles, and production. Students put concepts to practical use in detailed business plan, including 5-year budget and 18-page prototype for a magazine they create. Prereqs: JMC 59; JMC 70 or JMC 91.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

### JMC 120 - MAGAZINE FREELANCE WRITING

Article writing for specifically targeted media outlets, from print magazines to consumer websites. Includes intensive editing of student work in and outside of class; critiques and analyses of professional work; and strategies on targeting and pitching of potential outlets. Students research, write and rewrite multiple pieces, from profiles to features, essays to reviews. Prereq: JMC 070, 091

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### JMC 123 - PUBLIC RELATIONS WRITING

Objective and persuasive writing for print, broadcast and social media and internal communication channels. Prereq: JMC 54 and JMC 085

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Lecture/Lab Combo, Web Instructed

Course Attributes:  
Community Engaged Learning, Written Communication

### JMC 124 - COPYWRITING & CONTENT DESIGN

Introductory advertising copywriting and layout course, exploring techniques for print, broadcast and internet media. Audience differentiation, media and creative strategy all are considered. Emphasis is on concept development, persuasive writing, visualization & execution culminating in a portfolio presentation.

Prereq.: JMC 054, 076, and Prereq./Co-req.: 057 or 059.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:  
Written Communication

### JMC 136 - PUBLIC RELATIONS RESEARCH

This course builds upon basic research skills gained in previous PR coursework and is designed to prepare public relations students with both knowledge of and practice in appropriate research skills used in the public relations profession. While original, high-quality research will be expected, the emphasis of this class is on the development of sound research method design and the strategic decisions behind implementation. Pre-req: JMC 085 and JMC 123

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Lecture/Lab Combo, Web Instructed

Course Attributes:  
Community Engaged Learning

### JMC 137 - APPLIED COMMUNICATION RESEARCH

This course builds upon the introductory concepts of research, strategic planning and advertising media planning to prepare students with both knowledge of and practice in appropriate research skills used in the profession. While original, high-quality research will be expected, the emphasis of this class is on the development of sound research method design and the strategic decisions behind implementation.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Web Instructed

Course Attributes:  
Drake Online Undergrad Program

### JMC 138 - PUBLIC AFFAIRS AND ADVOCACY

This course examines the key skills required for work in government relations or public affairs in corporate and nonprofit settings, at the local, state, and national levels . This includes: the fundamentals of the lobbyist/client/legislator relationship and how professionals can effectively communicate with the many audiences involved

in the process; the development and implementation of effective advocacy strategies and campaigns in the public policy arena; and ways to affect regulatory/policy changes on behalf of organizations.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Journalism & MC Department

#### JMC 139 - ADVERTISING ACCOUNT PLANNING

This course provides students with portfolio-worthy projects from comprehensive, advanced topics of planning and consumer analysis. Prereq.: JMC 040, 057, 059, 124, 113 and MKT101 3 Credit hours

3.000 Credit hours

Levels: Graduate, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### JMC 141 - STRATEGIC MESSAGE DESIGN

A semester of advanced writing and producing advertising and strategic messages for all media that are part of the integrated communication mix. The course focuses on cohesive strategies for actual clients. A professional portfolio is presented at the end of the semester.

Prereqs.: JMC040, 057, 059, 113, 124 and MKT101.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### JMC 143 - PR PLANNING & MANAGEMENT

This course explores the role of strategic planning and issues management in public relations, helping you gain essential skills you will need to thrive as a practitioner. You will learn how to identify and assess the ways in which emerging issues may affect public relations practice, and design and defend a comprehensive public relations plan on behalf of a community partner. Throughout the course, we will strive to balance proactive and reactive (i.e. crisis) strategies. Prereq.: JMC 059 & JMC 123

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:  
Community Engaged Learning

#### JMC 144 - CASES IN ETHICAL PR PRACTICE



This course is designed to prepare public relations students through both instruction and practice to execute professional-level thinking, analysis, writing and presentation skills needed for successful public relations campaign management.

Pre-requisite: JMC 085 and JMC 123

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### JMC 145 - ADVERTISING CAMPAIGN STRATEGY

Students will work in student ad agency teams to plan and execute a complete campaign. Semester work includes analysis of marketing problems, research, expenditures, planning and executing a complete campaign for a national or regional business.

Prereq. Two of 117, 139 or 141 MINORS: Refer to minor tracking form.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### JMC 146 - PR CAMPAIGN STRATEGY

Planning and executing a major public relations campaign through the fact-finding, planning, communicating and evaluation stages. Class teams simulate competitive counseling firms.

Pre-requisite: JMC 040, 123, and 143.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:  
Community Engaged Learning

#### JMC 147 - SPC CAPSTONE

This capstone experience will require students to put their coursework into action in a meaningful and applicable way. Students will spend a semester studying a real-world issue or client. This study will include the identification of a key public policy challenge facing the organization or issue - through interviews with policymakers, activists, and professionals - creating a full environmental scan of the challenge and its obstacles and opportunities. Students will then develop a comprehensive strategic political communication plan, including objectives for different communications channels, message development, and key audience analysis and recommendations. In cooperation with the professor, students will then present research findings and recommendations to a representative of the issue or organization. pre-req: JMC 088 and JMC 138

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Journalism & MC Department

Course Attributes:  
Community Engaged Learning

#### JMC 149 - STRATEGIC COMM PLANNING

This course explores the role of strategic planning in communication, helping students gain essential skills needed in the workplace. Students design and defend a comprehensive strategic plan and build a professional portfolio.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Web Instructed

Course Attributes:  
Drake Online Undergrad Program

#### JMC 151 - ADVANCED STRATEGIC COMM

This course explores advanced writing and producing of strategic messages for all media that are part of the integrated communication mix, including print, digital and traditional broadcast. Students focus on cohesive strategies of written and visual communication by creating appropriate communication solutions for client-based projects. A professional portfolio is created at the end of the semester .

3.000 Credit hours  
3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Web Instructed

Course Attributes:  
Drake Online Undergrad Program

#### JMC 159 - ONLINE COMMUNICATION CAPSTONE

This capstone experience will require students to put their coursework into action in a meaningful way. In this final course of the online communication major, students will apply their learning from throughout the program to a specific communication or public policy issue or produce a digital publication, including all editorial, multimedia, design, production, marketing, promotion and distribution activities.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Web Instructed

Course Attributes:  
Drake Online Undergrad Program

### JMC 160 - SPECIAL PROJECTS & IND STUDY

Intensive independent study or activity, faculty-supervised or special group seminar. Restricted to juniors and seniors with superior grades. Prereq.: Consent of adviser, instructor and dean.

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

### JMC 172 - JOURNALISM CAPSTONE

Senior journalism capstone in which Magazine Media, News, and Digital Media Production students collaborate as a professional staff to produce a web publication, including all editorial, multimedia, design, production, marketing, promotion and distribution activities.

Pre-requisites: For all four majors: JMC 040. For Magazine Media majors: JMC 55 70, 119, 120 and senior status For News majors: JMC 55, 103, and senior status and senior status For DMP majors: JMC 55, 105, and 114, 115, OR 116,

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lab, Lecture, Lecture/Lab Combo, Web Instructed

### JMC 173 - REPORTING FOR TV & THE WEB

Reporting public affairs, particularly governmental, for news programs sponsored by the School of Journalism and Mass Communication.

Prerequisite: JMC 063

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

### JMC 195 - APP DESIGN & DEVELOPMENT

This interdisciplinary, team-taught course focuses on the strategic design and development of mobile applications for Android devices. Integrating students from journalism, graphic design and computer science, this course is designed to promote collaborative learning and to simulate a professional environment. You will become versed in the application ecosystem, user experience design, and audience development through firsthand experience in short exercises and more extensive projects while also honing your communication, critical thinking, and problem-solving skills.

3.000 Credit hours

Levels: Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### JMC 199 - SPECIAL TOPICS

0.000 TO 3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Off-campus catalog credit, Web Instructed

#### LAW 000 - FULLTIME LAW STUDENT

16.000 Credit hours

Levels: Law  
Schedule Types: Lecture

Law Department

#### LAW 010 - PRINCIPLES OF LEGAL ANALYSIS

This course helps students develop core analytical skills. Students will work on identifying rules from court decisions and other sources of law, applying rules to new fact situations, and communicating this application on law school exams. The course begins with a diagnostic process to assist students to identify specific areas in which they can improve their legal analysis skills. Students will complete exercises and receive individualized feedback designed to help them successfully write law school exams.

0.000 TO 2.000 Credit hours

Levels: Law  
Schedule Types: Lecture

#### LAW 011 - LAW OPP LEADERSHIP TRNG

Law Opportunity Leadership students will participate in four leadership workshops. These workshops will provide training in a variety of areas that are applicable to the legal profession. Students and their mentors will attend these workshops during their summer internship. Must be a member of the Law Opportunity Leadership Program.

0.000 Credit hours

Levels: Law  
Schedule Types: Independent Study

Law Department

#### LAW 015 - INTEGRATED STUDY GROUP

ISG is an interactive program that focuses on helping first- year students develop the necessary reading, synthesizing and analytical skills necessary for success in law school and practicing law.

0.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

#### LAW 01P - PORTFOLIO I

1L Portfolio Requirement

0.000 Credit hours

0.000 Lecture hours

Levels: Law

Schedule Types: Lab

Law Department

#### LAW 02P - PORTFOLIO II

2L Portfolio Requirement

0.000 Credit hours

0.000 Lecture hours

Levels: Law

Schedule Types: Lab

Law Department

#### LAW 050 - TRIAL ADVOCACY

The study and practice of trial techniques, motions, voir dire, opening statements, direct examination, cross-examination, instructions, closing argument, courtroom courtesy, and professional responsibility. Moot trial method is used. Prerequisite: Evidence (LAW 113).

0.000 TO 3.000 Credit hours

0.000 TO 3.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 051 - NEGOTIATIONS

Students develop the practical skills needed in negotiation using a variety of means, including classroom demonstrations, videotaped critiqued exercises, and videotapes of mock negotiations by practicing attorneys.

2.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 052 - LEGISLATIVE PRACTICE

Students receive individual assignments to assist attorneys with research and drafting on topical legislative initiatives for the Iowa General Assembly. A research paper and a bill draft are required. Each practicum is individually supervised by a member of the law faculty. Prerequisites: Legislation (LAW 233) and Legislative Internship (LAW 627).

2.000 TO 3.000 Credit hours

2.000 TO 3.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 053 - PRETRIAL ADVOCACY

Course examines the theory, practice, and ethics of the four major elements of pretrial practice: pleading, including litigation planning, development of case theory, and drafting complaints and responsive pleadings; motion practice, including motions to dismiss, venue motions, motions for temporary and preliminary relief, and summary judgment motions; discovery, including interrogatories, depositions, requests for admissions, motions to cancel and sanctions, and settlement strategy and mechanics.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 054W - ADV WRITING REQ FOR LAW 054

AWR for LAW 054

0.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Division Undeclared Division

#### LAW 055 - MEDIATION

A seminar designed to give students a comprehensive understanding of mediation in both a lecture and interactive role-playing format. Students review the process of mediation and how it works, and then practice advocating for their client in various legal settings, including court-ordered cases.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 057 - ARBITRATION

This class will focus on the role of arbitration in conflict resolution. Coverage will include when to use arbitration, the selection of arbitrators, the arbitration process, judicial enforcement of arbitration agreements and awards, the relationship between arbitration and litigation versus mediation and other forms of alternative dispute resolution, and drafting considerations.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 062 - ENVIRONMENTAL PRACTICE

The practice and procedure of environmental law with an exploration of several in-depth, substantive areas. Students study problems in environmental compliance and enforcement and complete exercises in client counseling, negotiation, and litigation against and on behalf of state and federal environmental agencies. Paper required. Prerequisite: Environmental Law (LAW 231) and Administrative Law (LAW 252).

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 063 - ESTATE PLANNING

Principles from wills and trusts, property, insurance, taxation, and business associations are combined to form a unified plan for the disposition of a decedent's wealth. Estate, gift and generation skipping taxation will be discussed. Drafting of dispositive instruments is emphasized. Prerequisites: Wills and Trusts (LAW 223) and Federal Income Tax. LAW (208).

3.000 TO 4.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 098 - STUDYING THE LAW

Orientation exam.

0.000 Credit hours

0.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 099 - SUMMER 1L

Course focuses on the United States Supreme Court, emphasizing the forces and factors that have shaped the Court's decision-making over the years. Special attention is paid to changes in the Court's composition and the views and personalities of individual justices, as well as the Court's changing role in our political system. The particular focus or subject matter of the seminar changes from year to year. This course is only taught in the Summer Institute in Constitutional Law.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

#### LAW 1-- - LAW TRANSFER CREDIT

1.000 TO 9.000 Credit hours

Levels: Law  
Schedule Types: Lecture

#### LAW 100 - INTRODUCTION TO LAW

A brief introduction to legal studies as part of the Law School's orientation for new students. Material covered includes significance of precedent, the judicial function, and jurisprudential concept as applied to the problems of rights in conflict.

0.000 TO 1.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 101 - FIRST YEAR TRIAL PRACTICUM

The trial practicum adds an important experiential learning dimension to the first-year curriculum. Students observe a "live" jury trial in its entirety, which serves as an educational introduction to litigation and trial practice. The trial takes place in the court room of the Neal and Bea Smith Law Center. A combination of small group discussions, practice panels, lectures and debriefings with litigants and jurors allow students to witness the integration of legal theory and law practice.

0.000 Credit hours  
0.000 Lecture hours



Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 102 - CIV PRO-CONSTITUTIONAL FRMWRK

An examination of the legal process and the adversary system at work in civil controversies. The emphasis is on proper selection of the forum in which to proceed and the source of law to be applied. The course covers the values of procedure, including fairness of the process to the litigants, efficiency, and the desirability of and need for conclusively resolving disputes.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 103 - CIV PRO-PROCESS OF LITIGATION

Course focuses on the phases of a civil lawsuit, including pleading by the parties, joinder of parties and claims, discovery and preparation for trial, devices of resolving disputes without trial, burdens of proof, instructions, verdicts, and post trial motions. Prerequisite: Civil Procedure I (LAW 102).

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 104 - LEGAL RESEARCH I

Introduction to basic legal research methods and practice in the use of various types of research materials.

1.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 105 - LEGAL WRITING II

Development of research and writing skills continue with a focus on preparation of trial litigation documents and an appellate brief. The appellate practice portion of the course culminates in the presentation of oral arguments before a panel of judges. Prerequisite: LAW 106 (Legal Writing I)

2.000 Credit hours  
2.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 106 - LEGAL WRITING I

Primary emphasis is on development of analytical and writing skills necessary for the practice of law. Various writing assignments, including law office memoranda, are designed to improve students' skills.

2.000 Credit hours  
2.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 107 - TORTS

The study of the civil justice system's mode of compensating persons who are injured as a result of the negligence or the intentional acts of others.

4.000 Credit hours  
4.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 108 - CRIMINAL LAW

Course covers the substantive law of crimes and criminal responsibility, emphasizing criminal law theory and its application against a background of procedural and enforcement problems.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 109 - CONTRACTS I

In this two-course progression, students learn the basics of the law of contracts. The course examines contract formation, enforceability, breach, damages, and alternative theories of recovery.

2.000 TO 3.000 Credit hours  
2.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

### LAW 110 - CONTRACTS II

This spring semester course is a continuation of the course of study undertaken in Contracts I (LAW 109).

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 111 - PROPERTY

Course examines the nature and history of real and personal property concepts, including acquisition of property interests, concurrent estates, adverse possession, landlord and tenant rights and remedies, use of real property, including an examination of privately imposed controls such as easements and covenants, and judicial introduction to public controls such as zoning and eminent domain.

4.000 Credit hours  
4.000 Lab hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 112 - CONSTITUTIONAL LAW I

An analysis of the Constitution as a structuring factor in American government, including the processes of the Supreme Court and other federal courts, the balance of powers within the federal government, the relationship between the federal government and the states, and an introduction to due process under the Fourteenth Amendment as a federal control on state action.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 113 - EVIDENCE

An examination of the rules of evidence, focusing primarily on the Federal Rules of Evidence. Topics covered include: relevance, character evidence, hearsay and exceptions, confrontation, direct and cross examination, impeachment, rehabilitation, lay opinions, expert evidence, best evidence, authentication and judicial notice.

4.000 Credit hours  
4.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 114 - LEGAL ETHICS & PROF RESPONSIB

Study of the history and values of the legal profession, the role of lawyers in society and the regulation of the practice of law, including the Model Rules of Professional Conduct and Iowa variations, the Restatement of Law Governing Lawyers, and caselaw addressing discipline, legal liability, and the Constitutional role of the lawyers.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 115 - CONSTITUTIONAL LAW II

Course focuses on the protection of individual rights. The Fourteenth Amendment's equal protection and due process clauses and the First Amendment's guarantees to freedom of expression, association, and religion receive intensive analysis. Congress's ability to create additional statutory protections pursuant to the post-Civil War amendments is also explored. Pre-requisite of Constitutional Law I (Law 112).

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 116 - LEGAL RESEARCH II

Development of research skills continues with more advanced resources.

1.000 Credit hours  
1.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

## LAW 150 - PROSECUTION AND DEFENSE

This course provides an intensive introduction to the real world of criminal law practice. A Drake Law professor will be the primary instructor, but prosecutors and criminal defense lawyers will also provide instruction and will be integral to the course. The course will focus on: the kinds of charges young lawyers most often prosecute and defend- assaults, driving while intoxicated, drug and weapons possession, criminal mischief, theft, etc.-as well as common defenses to those charges; sentencing, appeals, and post- conviction remedies; ethics issues particular to criminal cases; the nuts-and-bolts job duties and business practices of criminal law practitioners; step-by-step analysis of the process of a case through the criminal justice system from both the prosecutorial and defense standpoints; systemic issues such as gang-related crime and white collar crime; and other practical matters as deemed appropriate by the instructors.

3.000 Credit hours

Levels: Law

Schedule Types: Lecture, Web Instructed

Law Department

## LAW 201 - IA SUPREME CT SCHLR RESEARCH

One third-year student will be selected for academic year residence at the Iowa Judicial Branch Building, co-authoring a law review article with an Iowa Supreme Court Justice. The research commitment extends over the entire academic year (fall/spring); however, credit for all hours will be given in the spring semester. Criteria for selection is as follows: A demonstrated commitment to scholarship (through participation in a law journal, significant research for faculty for publication, judicial internship, etc.), strong academic record, and faculty recommendations. Students should apply through the Associate Dean's office.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

## LAW 202 - FEDERAL/STATE PRACTICE

This course emphasizes critical differences in practicing in both state and federal courts. From pleadings to appeals, and everything in between, this course prepares students to practice in both systems with a concentration on overcoming pitfalls for the unwary.

1.000 Credit hours

1.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

## LAW 204 - BUSINESS ASSOCIATIONS

An examination of partnership concepts with emphasis on the rights and obligations of partners and the formation, management, and operation of corporations, especially closely held corporations. State corporation law and some federal securities acts and regulations are also studied.

4.000 Credit hours  
4.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 205 - HEALTH CARE LAW & ETHICS-INTRO

This introductory course examines a variety of legal issues relating to health care quality, cost, access, reimbursement, organization, and finance. The objectives of this course include learning how to apply a range of statutory, regulatory, accreditation, and common law principles to a variety of health care issues. Students who take this course will be prepared to represent individual and institutional health care providers and commercial and public payors in civil, criminal, and administrative proceedings.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 206 - GAMING LAW

This course introduces students to the law of the rapidly growing area of gambling. Areas of study include determining whether an act constitutes gambling; the social harms of gambling; the licensing and regulatory processes of gaming; private law issues in gambling such as contracts and the enforcement of judgments, tribal gaming, pari-mutuel gaming, state lotteries, sports betting, and poker. The class will also meet with state gaming regulatory officials.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 207 - FEDERAL ESTATE & GIFT TAX

An examination of the structure of the federal estate tax, gift tax, and generation-skipping tax, and related income tax provisions. Topics include property in the decedent's gross estate, valuation methods, gifts within three years of death, life insurance, transfers with retained life interests, transfers taking effect at death, revocable transfers, jointly owned property, marital deduction, powers of appointment, transactions subject to the gift tax, gifts of present and future interests, and gifts to minors.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 208 - FEDERAL INCOME TAXATION

An in-depth study of individual income tax concepts and rules, including gross income, deductions, exemptions, tax credits, the sale/exchange of assets, like-kind exchanges, involuntary conversions, and sale of personal residence. Course also offers an overview of tax accounting, tax litigation, employee benefits, the tax planning process, and an introduction to tax research.

3.000 TO 4.000 Credit hours  
3.000 TO 4.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 209W - Adv. Writing Req for LAW 209

0.000 Credit hours

Levels: Law  
Schedule Types: Lab

Law Department

#### LAW 212 - HEALTH CARE COMPLIANCE

This three (3) credit course addresses compliance, governance, and risk management in the complex and ever-changing health care industry. Students will learn how to create and maintain a dynamic compliance program that meets standards set by the Affordable Care Act, Federal Sentencing Guidelines, and Office of Inspector General. Attorneys and other compliance experts will share best practices, tools and strategies to help organizations; comply with a full range of healthcare laws, regulations and contracts; identify, deter, and remediate risk; and establish a corporate culture of shared integrity and compliance. Throughout the live sessions and online modules, students will apply lessons learned to real-world dilemmas encountered by health care organizations; such as breaches in EHR information security, corporate integrity agreements, and Medicare fraud and abuse.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 213 - SALES

This course explores code systems in sales transactions focusing on UCC Article 2 and, selectively, UCC Article 2A, governing leases of goods, and the Convention on the International Sale of Goods (CISG) governing international sales. The course examines issues of formation, performance, warranties and disclaimers, including the federal Magnuson-Moss Warranty Act, risk of loss provisions, and remedies.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 214 - EDUCATION LAW

Course examines the range of problems in public education, including control of student conduct and expression; competing roles of teachers, administrators, and the community in school governance; and the impact of testing, grouping, and grading students. Prerequisites: Constitutional Law I (LAW 112).

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 215 - INTELLECTUAL PROP LITIGATION

Course examines litigation involving intellectual property assets. Material includes both skill development and theory. Students prepare complaints and pre-trial motions, examine the philosophy behind decisions to use certain types of motions, learn the pitfalls and proper methods of preparing witnesses for deposition and trial, and practice effective closing arguments. Prerequisites: Patent Law (LAW 228), Trademarks (LAW 271), Copyright Law (LAW 227), or Intellectual Property Licensing (LAW 277). Recommended prerequisite: Federal Jurisdiction (LAW 235).

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 217 - PATENT OFFICE PRACTICE

This course covers all aspects of proceedings before the U.S. Patent and Trademark Office such as the formal requirements of a patent application and prosecution of patent application before examiners. This includes drafting of claims, preparation of amendments, preparation of appeals, requirements for restriction, examiner interviews, and the duty of candor before the U.S. Patent and Trademark office. Prerequisite: Patent Law (LAW 228).

3.000 Credit hours



Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 218 - FEDERAL CRIMINAL LAW

Designed to teach students how to practice federal criminal law, this course covers substantive federal crimes, federal sentencing guidelines, federal rules, mandatory minimum sentences, sentencing enhancers, all stages of federal court proceedings, and landmark federal cases that impact the federal practitioner. Course covers drugs, guns, white collar crimes, immigration offenses, child pornography, and other areas. Attendance of federal court proceedings is mandatory.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 221 - AGRICULTURAL LAW - INTRO

A general survey of the legal problems of agriculture that serves as a thorough introduction to the study of agricultural law. Course focuses on various areas of law that directly affect the operations of the farm business and includes a review of selected regulatory programs. Discussion includes an analysis of the impact that law and government regulation have on agricultural production, distribution, and marketing.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 222 - REAL ESTATE TRANSACTIONS

Course examines brokerage contracts, basic mortgage law, contracts for sale of land, buyer's and seller's obligations and remedies, marketability of title, recording acts, priorities, notice, curative acts, marketable title acts, and examination of abstracts.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 223 - WILLS & TRUSTS

Examines execution, revocation, and revalidation of wills; descent of property; family protection statutes; probate; grounds of contest; creation, characteristics and termination of trusts; rights of beneficiaries; and duties of the trustee. An overview of interpretation of will and trust provisions is provided, and will substitutes are briefly considered.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 224 - LEXIS RESEARCH - ADV PROBLEMS

Extensive training in computer-assisted legal research using Lexis Advanced and other practice tools provided by LexisNexis. Includes advanced search techniques and practice tools such as CaseMap, Litigation Profile Suite, Public Records, and Lexis Practice Advisor. Course offered as credit/no credit.

1.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 225 - AG BIOTECHNOLOGY LAW

The use, regulation, and development of biotechnology in agriculture and ultimately the food supply remains a hot topic in the United States and in the rest of the world. This class will provide a brief overview of the regulatory structures that govern the use of biotechnology in agriculture at the federal level, highlight unique issues at the state level, and focus on ensuring that all levels of the food supply chain manage risk and ensure compliance with related regulations when growing, processing, or selling products derived at least in part from ag biotechnology.

1.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 227 - COPYRIGHT LAW

This course covers the basic principles and policies of copyright law, including what materials are protected, the substantive requirements for protection, the procedures for obtaining protection, rights conferred, and remedies for infringement. The course also examines the role of copyright within the larger context of intellectual property law and policy--both domestic and international.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

### LAW 228 - PATENT LAW

Course includes an examination of trade secret law, the United States patent system, procedures for filing and obtaining U.S. patents, statutory requisites for patentability, infringement, fair use, and procedures for litigating infringement claims.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

### LAW 230 - FOOD AND THE LAW

A comprehensive review of legal issues concerning the operation of America's food system. The course examines the role of law in shaping the food system and considers issues such as food safety and inspection, food labeling laws, systems to improve food quality, hunger relief programs, the relation between food production and environmental protection, organic food laws, and international trade and food safety standards.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

### LAW 231 - ENVIRONMENTAL LAW

A study of federal and state laws designed to address the problems of air and water pollution, toxic substance, solid waste and hazardous waste disposal, and the political and social impediments to improvement of the environment.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

### LAW 232 - LAND USE CONTROL

This course deals with how individuals and the government can regulate the ways in which owners may use their land. Topics include restrictive covenants, conservation easements, the planning process, subdivision platting and zoning administration. Local municipalities, which normally regulate land use, also are studied. Recent judicial developments concerning the constitutional taking issue are considered.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 233 - LEGISLATION

Course focuses on the legislative process, constitutional requirements of state legislation, judicial construction of statutory words and phrases, and bill drafting. Students engage in a series of statutory drafting and interpretation exercises to develop skills necessary to read and write legislation effectively.

2.000 Credit hours  
2.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

### LAW 235 - FEDERAL COURTS & JURISDICTION

An examination of the jurisdiction of the federal courts and the interrelationship of the federal and state judicial systems. Among the areas studied in detail are justiciability (such as standing, ripeness, and political question doctrines), federal question and diversity jurisdiction, removal, and conflicts between federal and state courts (such as injunctions, abstention, and habeas corpus).

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 236 - CRIM PROCEDURE INVESTIGATION

A detailed exploration of criminal practice and procedure in its various phases, including search and seizure, arrest, bail, right to counsel, self incrimination, plea bargains, grand jury, exclusionary rules, and trial rights. Includes some discussion of current theories of administration of criminal law.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

### LAW 237 - FAMILY LAW

An examination of the rights and obligations attending the status of marriage and its dissolution, rights and responsibilities arising from the family relationship, adoption, and child abuse.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 238 - CRIM PROCEDURE ADJUDICATION

Covers prosecution and adjudication, including bail and pretrial release, discovery by defendants and the government, grand jury presentations, dismissal of indictments, joinder and severance of defendants and charges, plea bargaining, right to trial by jury, withdrawal by or disqualification of counsel, and sentencing.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 239 - CONFLICT OF LAWS

A study of the problems that inevitably arise in a multi-sovereign community. The course examines horizontal choice of law, the constitutional restraints imposed on choice of law and state court jurisdiction, and the recognition of sister-state judgments.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 244 - WORKERS' COMPENSATION

An examination of the system by which compensation is provided to those suffering workplace injuries. Course considers the employment relationship, the conditions of compensation, benefits provided, and the role of fault in workers' compensation programs. Consideration also is given to the availability of third-party actions and insurance issues.

2.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 245 - SPORTS AND ANTITRUST LAW

This course covers the legal landscape of professional and amateur sports. Topics include the intersection of sports and labor law, arbitration, agent representation, communications law, tort law, and education law.

Particular attention is paid to current issues in the field of sports law, such as the impact of Title IX on amateur athletics. The course will also cover the essentials of antitrust law, with an emphasis on sports-related antitrust issues. An understanding of antitrust is critical for both counselors and litigators in today's complex and highly regulated economy. Primarily through sports-related examples, the course will address the significant areas of antitrust including horizontal agreements, boycotts, monopolization, and joint ventures.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 246 - SEXUAL HARASSMENT/MODERN TORTS

This course will begin with an exploration of the torts of sexual harassment, invasion of privacy, defamation, and the business torts covered in the Multistate Bar Exam. Afterward, the course will take a detailed look at recent multi-million dollar verdicts in these areas, and examine the particular situation and trials that produced them.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 247 - PRODUCTS LIABILITY

Course examines the causes of action available for money damages in relation to defective products. The various actions include negligence, warranty, strict liability, including public misrepresentation, and specific remedies under the Uniform Commercial Code. The nature of the remedy, definitions of defectiveness, and defenses available also are considered.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 247W - ADV WRITING REQ FOR LAW 247

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

#### LAW 250 - BUSINESS TAXATION

The study of the federal income tax impact on corporate entities and their shareholders relating to the organization, reorganization, dissolution of, and distributions by corporations. Involves the study of case law, statutory, and regulatory materials. Prerequisite: Federal Income Tax (LAW 208).

4.000 Credit hours

4.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 251 - SECURITIES REGULATION LAW

This course examines the federal and state laws governing the securities industry and explores underlying laws, regulations, policies, and current or emerging issues involved in federal and state securities regulation, primarily through the Securities Act of 1933, the Securities Exchange Act of 1934, and selected aspects of the Dodd-Frank act of 2010. Coverage will include (1) the securities distribution process, (2) with special emphasis upon alternatives to a public offering through exemptions from registration that small and medium-sized businesses regularly use in raising capital, (3) the law governing trading in securities (both the "anti-fraud" rules and extensive federal litigation involving them and the similarly extensive, still evolving law addressing "insider trading", (4) the functions of the Securities Exchange Commission and self-regulatory functions of the securities exchanges, and (5) the roles in all of these subjects of directors, officers, investment bankers, accountants, and especially legal counsel.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 252 - ADMINISTRATIVE LAW

A study of the federal and state law that controls the administrative operation of government. Course emphasizes the powers that may be exercised by the administrative agencies, the principles governing the exercise of those powers and the legal remedies available to persons aggrieved by administrative action.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 254 - APPELLATE ADVOCACY

Students will focus on drafting, editing, and polishing an appellate brief for submission in the Supreme Day Court competition, and will hone and sharpen written advocacy skills. Briefs will be submitted in early March. Then, the focus of the class shifts to oral argument. Students will develop oral advocacy skills and polish their prepared oral argument for the competition, then compete in front of mock judges for assessment as part of the

final grade, together with their competition brief. Top performers after those rounds will present in the final round, before the Iowa Supreme Court. Students can expect to understand appellate procedure and appellate advocacy in a new light and will be able to develop valuable skills for actual appellate advocacy during their careers.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

LAW 254W - AWR for LAW 254

0.000 Credit hours

Levels: Law  
Schedule Types: Lab

Law Department

**LAW 256 - SECURED TRANSACTIONS**

An examination of sales financing with primary emphasis on Article 9 of the Uniform Commercial Code. Payment for goods through the use of commercial paper and bank collections and deposits are also examined (Article 3 and 4 of the U.C.C.). Methodology is emphasized and the problem-solving technique is the predominant classroom exercise. This course is not a prerequisite to Debtor/Creditor Law, but is strongly recommended that it be taken prior to enrolling in that class.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

**LAW 257 - BANKRUPTCY & DEBT COLLECTION**

An examination of how to collect a judgment. Topics include priorities, constitutional limitations on collection devices, bankruptcy, and the relationship of Article 9 of the Uniform Commercial Code to the Bankruptcy Act.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

**LAW 258 - BAR EXAM PREPARATION**



The Law School offers the Bar Preparation course every Fall and Spring semester. The class is designed to develop the study habits and test taking skills unique to the bar examination. The course is limited to third-year students in their final semester. This is a hybrid course, largely offered online through video lectures that review substantive law and provides strategies for approaching MBE, MEE, and MPT questions. Students are required to have individual meetings with the instructor to discuss effective methods for memorizing the law, create a study plan and to review their MBE and MEE performance. Students are required to write answers to many practice essay questions and receive feedback. A practice bar examination under exam conditions is given as a midterm and at the end of the semester. Throughout the course, there are live sessions where we provide additional information related to preparing for the bar exam. The course is an elective for most students, but under Student Handbook Rule 9.1.4 students with a CGPA of 2.5 or lower at the end of the Spring semester of their first year and any 3L student with a CGPA of 2.5 or lower upon entering her/his last semester is required to take the course. Students who are required to take the course are required to achieve a passing grade in order to graduate.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 259 - INTERNATIONAL LAW - INTRO

An analysis of basic concepts in public international law, including the nature of the international legal system and its institutions such as the United Nations and the World Court, the sources of international law, states and recognition, jurisdiction, nationality, human rights, the use of force and laws of war, outer space, and jurisdictional immunities.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 260 - INSURANCE LAW

Subjects include the insurance contract and its interpretation; life, casualty and liability insurance; selection and control of risks; claims adjustment; and regulation of the insurance industry.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 261 - STATE & LOCAL GOVERNMENT LAW

This course examines the sources of, and limitations on, the power of state and local governmental units. We explore the relationship between federal, state, and local governments and the constitutional issues relating to local government activities. We look at the legal and policy issues involved with critical public services from

the provision of potable water to education to zoning.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 262 - INTERNATIONAL TRADE

An overview of the global trading system governed and administered under the World Trade Organization (WTO) charter. Topics include globalization and its impact, the classification and regulation of imports and exports, how the WTO dispute settlement system works, and the roles played by international organizations like the World Bank and the International Monetary Fund (IMF) in promoting worldwide economic development.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 263 - IMMIGRATION LAW

Topics include regulation of family and employment-based immigration and deportations of criminal aliens.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 265 - FINANCIAL BUS CONCEPTS

This course exposes students to basic financial concepts used in business. All law students should consider taking this course if they intend to work in a law firm or practice in the business environment, particularly if they do not have knowledge in financial, business or accounting concepts. The course will first overview business concepts including entity selection, financial statements basics, performance factors and how debt works. It will then discuss financial concepts such as time value of money, and apply these concepts to business application such as valuation and buy-sell structures. Basic funding and financing concepts will be considered as well.

1.000 Credit hours

1.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

### LAW 266 - EMPLOYMENT LAW

Course considers a variety of laws governing the relationship between employers and workers. Material covered includes the basics of discrimination, harassment, retaliation, wage and hour, benefits, protected leaves, immigration, labor law, occupational safety and health, unemployment compensation, affirmative action, independent contracting, and various employment torts. Emphasis is not on litigation of employment claims, but on advising employers and workers about practical problems encountered in the workplace.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 267 - SCIENTIFIC & EXPERT EVIDENCE

This course reviews specific topics of scientific and expert evidence in more depth than is possible in the basic evidence course. The initial section in the course will involve some fundamental rules about expert evidence, including gatekeeping standards and disclosures. Afterward, the class will examine specific areas of expert and scientific testimony. Topics should include many of the following (depending on availability of guest experts to visit): DNA, forensic science, medical causation, and economic valuation. The class will also perform several written exercises regarding common expert issues, such as motions in limine, expert disclosures, and the like.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

### LAW 268 - FUND OF LEGAL INVESTIGATION

This course focuses on skills and methods needed to fully obtain facts necessary to determine strategies and analyze possible outcomes for all stages of litigation, both criminal and civil. Detailed information on searching public records, Internet sites, and other document retrieval, as well as methods to locate and interview people, will be provided to students through an interactive format. This class will focus on parallel investigation skills, i.e., both paper and people. Students will learn the relationship between documents/physical evidence and thorough, reliable interviewing of clients and witnesses.

1.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

### LAW 271 - TRADEMARK & UNFAIR COMPETITION

This course will introduce students to U.S. trademark and unfair competition law under the federal Lanham Act and related common law doctrines designed to protect against consumer confusion and appropriation of commercial good will. In addition to the technical requirements for trademark eligibility, registration, and infringement, we will consider the constitutional and economic underpinnings of trademark protection and evaluate current trends toward the "proPERTIZATION" of trademark law.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

### LAW 273 - MERGERS AND ACQUISITIONS

This course examines the law and practice of purchasing, selling and merging businesses, with an emphasis on private companies. It will examine applicable corporate and business law and each step in the transaction process from initial planning to closing. The course will cover methods of acquiring and merging businesses, decision-making and approval processes, fiduciary duties, the due diligence process, allocation of risk in the purchase or merger agreement, and, to a lesser extent, the integration of other law, for example, securities law, tax law, products liability law, environmental law and anti-trust law. Prerequisite: Business Associations (LAW 204)

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

### LAW 273W - ADV Writing for LAW 273

0.000 Credit hours

0.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lab

Law Department

### LAW 277 - INTELLECTUAL PROP LICENSING

This course will focus on the licensing of intellectual property, primarily patents and tangible property, but also touching on trademarks and copyrights. The course will emphasize various terms which should be considered in license agreements and the negotiation perspectives of licensors and licensees. Students will also be exposed to the concepts of technology transfer and management of intellectual property. The course will utilize a textbook, handouts and representative license agreements. Students will be required to engage in the consideration and drafting of license terms. There will be no final exam. Grades will be based on assignments and a final project. Co-requisites: Copyright Law (LAW 227), Patent Law (LAW 228), Trademarks (LAW 271) or Intro to Intellectual Property (LAW 282).

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 279 - DOMESTIC VIOLENCE

This course is designed to provide legal and social science perspectives on the issues lawyers are likely to face in domestic violence cases. Topics to be covered include research on the dynamics of abuse, cultural differences, and special populations; investigation, prosecution and defense strategies, and sentencing; civil protective orders and domestic violence shelters, and the federal Violence Against Women Act.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 280 - CHILDREN & THE LAW

This course explores issues involving children's rights, constitutional limitations on parental rights, child abuse and neglect, placement issues, termination of parental rights, legal representation of children, evidentiary issues in juvenile court hearings and juvenile delinquency.

2.000 TO 3.000 Credit hours  
2.000 TO 3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

LAW 280W - AWR for Law 280  
Advanced Writing for Law 280

0.000 Credit hours  
0.000 Lab hours

Levels: Graduate, Law  
Schedule Types: Lab

#### LAW 281 - ELECTION LAW

This course examines the laws, regulations, and agencies that govern federal and state elections. Material covered includes the laws and cases that apply to election administration, campaign finance, the right to vote, representation and redistricting, partisan gerrymandering, bribery and corruption, judicial elections, ballot access, and ballot propositions. The course also examines the role of the Federal Election Commission and comparable state election agencies.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

LAW 281W - AWR for LAW 281  
Advanced Writing for LAW 281

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

Law Department

LAW 282 - INTELLECTUAL PROPERTY - INTRO

This is a survey course covering the core areas of intellectual property: patent, copyright, trademark and trade secret (and other state intellectual property-related areas) of law. It introduces each subject and explores commonalities and differences among different systems of intellectual property protection. The course can be taken by a nonspecialist interested in learning about the field or as a segue to Drake University Law School's more detailed course offerings, including Copyright Law, Patent Law, Patent Office Practice, Trademarks and Copyrights, and Trademarks and Unfair Competition.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

LAW 286 - MEDICAL MALPRACTICE

This course focuses on the law governing professional liability with respect both to individual and institutional defendants. It covers the standard of care, defenses, causation problems and current issues concerning damages. Coverage of licensure as a quality control mechanism and the law involving potential liability for individuals and institutional providers of health care are also reviewed. Tort reform proposals may be discussed as well.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

LAW 287 - WIND ENERGY

Development of wind energy is an increasingly important economic and political issue for Iowa (currently third for installed capacity), and the nation. The range of legal issues critical to wind energy development mean the legal community will play a significant role in efforts to promote wind energy in Iowa and the U.S. The potential for wind energy and the essential need for legal advice means law students - and lawyers - can benefit from the studying of this emerging topic. This two credit course will provide a thorough introduction to the broad range of legal and regulatory issues involved in developing wind energy projects, and related issues concerning carbon offsets and state policies to promote renewable energy. The topics to be addressed include: a) the basics of wind energy; b) state and federal policies to promote wind energy, including renewable energy standards, state and federal production tax credits and other incentives; c) state and federal programs to finance renewable energy and wind projects, such as USDA Rural Development's 9006 grants and loans, used extensively in Iowa; d) the sale of "green tags" or renewable energy credits in emerging carbon markets; e) drafting wind energy easements and addressing the ownership of wind rights; f) negotiating agreements for interconnection, transmission, and sale of energy; g) regulatory issues such as zoning and operating wind towers and liability issues; h) alternatives for structuring and financing, such as "community wind" projects.

2.000 Credit hours  
2.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 288 - HEALTH CARE BUS LAW

This course provides an overview of the primary areas of business law and compliance of interest to health care organizations. Students will consider a wide variety of source materials including case law, government directives, industry reports and guest speakers. They will also participate in a realistic pre-trial health law simulation in which they will: practice client in-take; draft and respond to requests for production; develop interrogatories; depose witnesses; and advise clients.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 289 - LAW OFFICE MANAGEMENT

This course provides the information and resources to assist a new lawyer in opening a solo law practice or joining a small group of lawyers in private practice. Students will learn how to select a business entity, create a working office, create a plan for business development, and prepare to meet the practical, legal and ethical challenges to becoming a successful private practice lawyer.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 290 - NATIONAL SECURITY LAW

This course examines the Constitutional provisions, federal laws, and federal policies that govern the national security of the United States. Topics covered include war powers, homeland security, intelligence collection, the protection of national security information, collective and unilateral self-defense, the targeting of terrorists, war crimes tribunals, indefinite detention, interrogation, the Uniform Code of Military Justice, the international law of armed conflict, and the separation of national security powers. The course focuses on the district but overlapping national security roles played by the Department of Defense, the intelligence community, the federal judiciary, Congress and the president.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 290W - AWR for Law 290

Advanced Writing for Law 290

0.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lab

Law Department

#### LAW 292 - LAWS OF WAR

This course examines the laws that govern international armed conflicts in the 21st Century. No prior knowledge of international law or military law is required. The course is intended for any student with an interest in international law or current events. Topics covered will include, but are not limited to, the impact of the Second World War on the modern law of war, the development and operation of war crimes tribunals, the distinction between "lawful" and "unlawful" wars, the use of nuclear and other unconventional weapons, and the application of international law to the Global War on Terror, civil wars, and other ongoing conflicts. During the course, we will study specific cases, such as the Nuremberg Trials; we will study current events, such as the ongoing conflicts in Afghanistan; and will study documentaries and movies that raise law of war issues, such as the Oliver Stone film, Platoon.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 293B - INTL AGRCLTRL DVLMENT CUBA II



The course will involve weekly classes during the semester to discuss readings and lectures focused on the legal and agricultural situation in Cuba and relations with the United States. The course will include an 8-day study tour to Cuba, during the winter break. During the Fall semester students will begin a research paper on some aspect of Cuban agriculture and law and then in the Spring semester students will draft a final report and analysis based on observations from the trip. The course will focus on a variety of topics including: History, status of trade embargo, role of U.S. agricultural trade with Cuba as force for liberalization, Cuba's legal system and agricultural reform, land ownership and cooperatives, Cuba's legal education and judicial system, U.S. international agricultural development policy, etc.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 294 - U.S. SUPREME COURT

The course focuses on the United States Supreme Court from an institutional perspective, emphasizing the forces and factors that have shaped the Court's decision-making over the years. Special attention is paid to changes in the Court's composition and the views and personalities of individual justices, as well as the Court's changing role in our political system. The focus or subject matter will change from year to year to keep pace with jurisprudential developments.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 295 - INTERNET LAW

Technology and innovation have facilitated significant changes in business and community paradigms. Emerging issues created by the advent of things like social media, virtual worlds, 3-D printing, and digital assets have raised novel legal questions that, in many instances, have not been well-anticipated by existing legal structures. The proposed interactive course will explore a broad range of matters related to innovation, Internet ubiquity, and how the law either facilitates or hinders advancement. Course coverage will include topics like digital discovery, domain names, information security, access to technology, virtual worlds, privacy, social networking, e-commerce, 3-D printing and biotechnology and bioscience. The course's content will be updated as issues emerge. There are no prerequisites for this course and a technical background is not required.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 298 - CONSUMER PROTECTION

A study of the various sources of law that have an impact on consumer sale, lease and credit transactions, including common law, state consumer legislation (e.g., Iowa Consumer Credit Code), federal consumer legislation and federal consumer regulations. Such consumer problems as warranty, deceptive trade practices, holder in due course, credit collection practices, credit disclosures and adhesive contractual provisions are explored.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 299 - CLIMATE LAW & POLICY

Global climate change has quickly become one of the most pressing social, environmental, and economic challenges confronting the global community. This three (3) credit class will explore the legal and political challenges involved in addressing and responding to climate change.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 299W - AWR for Law 299

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

Law Department

#### LAW 304 - WOMEN AND THE LAW

Seminar reviews how sex role understandings have affected various aspects of the law, including criminal law, employment, credit and insurance discrimination, abortion and fetal protection, family law, and lesbian and gay rights. Standards of review for laws that discriminate on the basis of sex as opposed to other kinds of discrimination also are discussed, as is the issue of how women are treated in courts today with an eye toward students' future practice as lawyers.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

LAW 304W - ADV WRITING REQ FOR LAW 304

AWR for LAW 304

0.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

LAW 305 - PSYCHIATRY AND THE LAW

A study of both civil and criminal aspects of law and the mental health system. Topics include legal issues relating to mental health, the commitment process, competency, and criminal mental defenses.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

LAW 305W - ADV WRITING REQ FOR LAW 305

AWR for LAW 305

0.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lab

LAW 307 - FIRST AMENDMENT SEMINAR

The following topics will be covered: free speech methodology, prior restraint, unprotected and less protected speech, places available for speech, freedom of association, freedom of the press, and the free exercise and establishment clauses. United States Supreme Court decisions are emphasized throughout the course. We will also do some secondary readings that help explicate the cases. Selected procedural concepts and judicial doctrines may also be considered. This is a seminar and the grade will be based primarily on a paper. Students will write a draft paper and there will be feedback on the draft. This class may be used to fulfill the writing requirement.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

LAW 307W - ADV WRITING REQ FOR LAW 307

AWR for LAW 307

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

Law Department

#### LAW 309 - COMPUTERS AND THE LAW

An overview of the legal implications of computer technology. Topics include computer contracts, remedies for failures, protection of proprietary interests, computer crime, privacy, tort liability, and personal considerations.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 309W - ADV WRITING REQ FOR LAW 309 AWR for LAW 309

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 310 - INTERNATIONAL HUMAN RIGHTS

Seminar examines international human rights law and the measures taken to effect human rights compliance. Topics include the Universal Declaration of Human Rights; the International Bill of Rights; genocide; race and gender discrimination; and the relative importance of "second generation" economic, social and cultural rights, in addition to the more traditional political rights. Case studies include the conflicts in the Middle East, human rights in China and the Islamic world, and the debate over "third generation" human rights, like the rights to sustainable development and a healthy environment.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 310W - ADV WRITING REQ FOR LAW 310 AWR for LAW 310

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

Law Department

#### LAW 311 - APPLIED IMMIGRATION LAW/POLICY

Applied Immigration Law and Policy is an interdisciplinary course offered to 2L and 3L law students in addition to upperlevel students in the Program Law, Politics, and Society (LPS) at Drake University. Through classroom- based learning, students will be exposed to the substantive area of immigration law and learn to analyze the law and immigration policies as they affect immigration law and learn to analyze the law and immigration policies as they affect immigrant rights in Iowa. In addition, students will have the opportunity to develop lawyering and problem- solving skills in the areas of community outreach, organizational representation and advocacy, and legal research and writing, particularly in the area of drafting policy and advocacy documents. Students will partner with Des Moines-based immigration nonprofits such as Justice for our Neighbors, American Friends Service Committee Immigrant Rights Program, U.S. Committee for Refugee and Immigrants, and the Middleton Center's Incarcerated parents Program to identify and address challenges facing the Iowa immigrant community.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 311W - ADV WRITING REQ FOR LAW 311 AWR for LAW 311

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

#### LAW 312 - ENVIR REG OF AGRICULTURE

Full Title: Environmental Regulation of Agriculture. A focus on the increasing application of environmental protection laws to agriculture with an emphasis on understanding how efforts to protect soil and water resources shape agricultural production. Subjects include the impact of farming on the environment; concepts of land stewardship; federal and state laws concerning areas such as agricultural land preservation, livestock feeding facilities, pesticide registration and use, and organic food protection; the impact of environmental liability on land transactions; and sustainable agriculture.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

LAW 312W - ADV WRITING REQ FOR LAW 312

AWR for LAW 312

0.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lab

Law Department

LAW 313W - ADV WRITING REQ FOR LAW 313

AWR for LAW 313

0.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lab

LAW 314 - RACE & THE LAW

This seminar examines the intersection of race and the law. This course will critically examine race from a legal standpoint from America's colonial period to the present day. It will conclude with an analysis of the contemporary status of racial in the legal system and consider recent scholarly critiques of the law's limitations in effecting racial justice. It addresses the racial and legal history of major groups in the US including African-American, Asian-American, Latino/as, Native Americans, and Whites and examines the nexus between law and the construction of race as a concept.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

LAW 319 - CRIMINAL MOTIONS PRACTICUM

An analysis of constitutional theories of suppression of physical evidence, confessions and identifications through class discussion and adversary presentations of written motions and oral argument. Prerequisite: Criminal Procedure I (LAW 236). This course will be a hybrid course. It will be online as well as in the classroom.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

LAW 319W - ADV WRITING REQ FOR LAW 319  
AWR for LAW 319

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

Law Department

LAW 320W - ADV WRITING REQ FOR LAW 320  
AWR for LAW 320

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

LAW 321 - ADV CONSTITUTIONAL LAW/INTERPR

This seminar will explore advanced topics in constitutional law and interpretation. The topics that will be explored include methods of constitutional interpretation, judicial review, federalism, separation of powers, executive power, equal protection, enumerated rights, unenumerated rights, congressional enforcement of constitutional rights, and the First Amendment. This is a paper course and students may use the class to fulfill their writing requirement. Regular attendance and active participation are expected. You must come to class ready to discuss the assigned material.

2.000 Credit hours  
2.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

LAW 321W - ADV WRITING REQ FOR LAW 321  
AWR for LAW 321

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

Law Department

**LAW 322 - BUSINESS & CORP LAW: CURR ISS**

This three-credit seminar explores selected Business Associations law issues at a more advanced level than does the basic course. Topics that may be covered include agency and employment law, choice of entity, limited liability company law, current issues in corporate governance, insider trading, corporate "personhood", and acquisition transactions, including takeovers. Student will be graded based on class participation, transaction document drafting projects, and two legal research papers. The two research papers may be used, collectively, to satisfy the Advanced Writing Requirement.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

**LAW 322W - ADV WRITING REQ FOR LAW 322**

AWR for LAW 322

0.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lab

Law Department

**LAW 323 - JUSTICE REFORM & INNOVATION**

This seminar focuses on cutting-edge innovations and reforms in both the civil and criminal justice systems in both state and federal courts. Topics include, e.g., mass incarceration and sentencing reform, civil jury trial innovations, Afrocentric facial feature bias and implicit bias, and the use of technology in evidence presentation.

2.000 Credit hours

2.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

**LAW 323W - ADV WRITING REQ FOR LAW 323**

AWR for LAW 323

0.000 Credit hours

Levels: Graduate, Law



Schedule Types: Lecture

Law Department

#### LAW 324 - COMPARATIVE CONSTITUTIONAL LAW

This seminar examines the constitutional systems of other nations, and compares them with constitutional law in the United States. It will focus predominantly on examining diverse approaches to judicial review and to rights questions. Students can satisfy the advanced writing requirement.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 324W - ADV WRITING REQ FOR LAW 324

AWR for LAW 324

0.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lab

#### LAW 326 - CONTRACT DRAFTING

This course engages students in the practical experience of drafting contracts in the context of representation. The focus is on developing the knowledge and skills to translate client interests into comprehensive contract terms. Through classroom discussion and writing assignments, students develop and practice drafting and learn the concepts of clear expressive writing of contracts. Enrollment is limited to 12 students. Prerequisites: Contracts I and II (LAW 109 and 110) and Civil Procedure I and II (LAW 102 and Law 103).

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 328 - IP IN THE INTERNET AGE

This seminar addresses selected areas of intellectual property law in which the Internet and new technologies have posed challenges to traditional legal doctrines and practices. It also explores the various legal, technological and business solutions that seek to accommodate the needs and interest of intellectual property rights holders, technology developers and internet users. Each student is required to make a presentation to the seminar and write a research paper on a topic approved by the instructor. The research paper should constitute original research and be at least 20 pages (including footnotes). The paper may be used to satisfy the Advanced Writing Requirement. No prerequisites are required.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

LAW 328W - AWR for LAW 328

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

LAW 329 - SUSTAINABILITY AND THE LAW

This course offers a unique opportunity to have a positive and real impact on your community. Students will explore the diverse and emerging area of sustainability by getting out of the classroom and by engaging environmental and economic experts and government officials. Students will draft concrete proposals to change policy and advance issues relevant to sustainability. Past projects have included stormwater management, energy conservation, and access to healthy foods. Students will present their proposals to public officials, including the Des Moines City Council.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

LAW 330 - CONSTITUTIONAL LITIGATION

An analysis of the most frequently utilized federal civil rights statute - 42 U.S. Section 1983 - the procedural or remedial device through which a person may seek relief for the deprivation of federal constitutional rights. The course covers the crucial litigation and quasi-jurisdictional issues regularly encountered in constitutional litigation, including the 11th Amendment, qualified and absolute immunity, exhaustion, and the various remedies available to redress constitutional violations. 42 U.S. Sections 1981, 1982, and 1985 may also be covered.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

LAW 330W - ADV WRITING REQ FOR LAW 330

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

Law Department

#### LAW 331 - CURRENT ISSUES IN FOOD AND AG

This is an upper-level course that provides an overview of current issues facing the food, agriculture and biofuel industries. The course will focus on both domestic and international issues, including litigation concerns, trade barriers, and developing/current policy issues. These are the key concerns that practicing lawyers, in law firms and in the private sector, are dealing with as they look at current needs and long-term planning of their clients and employers. They are also the same issues that those in the regulatory industry are dealing with on a daily basis. We will look at these issues from the viewpoint of a practitioner, focusing on developing the skills required to deal with a series of substantive issues surrounding litigation and regulation within these industries.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 331W - ADV WRITING REQ FOR LAW 331 AWR for LAW 331

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

Law Department

#### LAW 399 - SPECIAL TOPICS

This is a special topics course.

0.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Internship, Lecture, Web Instructed

Law Department

#### LAW 399W - AWR for LAW 399

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

#### LAW 400 - AG LAW JOURNAL I

This 1-credit course is offered to students selected to participate as Junior or Senior Staff on the Drake Journal of Agricultural Law.

1.000 Credit hours

Levels: Law  
Schedule Types: Independent Study

Law Department

#### LAW 401 - AG LAW JOURNAL II

The course will focus around four primary areas of law and policy. Operation of traditional Rural Development programs from the state and federal government relating to issues such as community facilities, poverty relief, economic development, housing and communications such as broad-band access; renewable energy from agricultural (REA) covering both corn based ethanol but also wind, bio-diesel, and bio-fuel crops like switch grass; natural resource conservation and amenity based development; food and agricultural policy as reflected in the diversification of production, such as through direct marketing, farmers markets, and programs like buy fresh buy local. In each of these subject areas the course will examine existing law and institutions as well as consider the work of the 2007 Iowa General Assembly and the current development in Congress on the 2007 Farm Bill. The optional third credit will involve a research and writing project to develop a case study for one of the rural enterprises to be featured at the September conference.

1.000 Credit hours

Levels: Law  
Schedule Types: Independent Study

Law Department

#### LAW 401W - ADV WRITING REQ FOR LAW 401

AWR for LAW 401

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lab

#### LAW 402 - AG LAW JOURNAL III

1.000 Credit hours

Levels: Law  
Schedule Types: Independent Study

Law Department

LAW 403 - AG LAW JOURNAL IV

1.000 Credit hours  
1.000 Lecture hours

Levels: Law  
Schedule Types: Independent Study

Law Department

LAW 404 - AG LAW JOURNAL BOARD I

2.000 Credit hours  
2.000 Lecture hours

Levels: Law  
Schedule Types: Independent Study

Law Department

LAW 405 - AG LAW JOURNAL BOARD II

2.000 Credit hours  
2.000 Lecture hours

Levels: Law  
Schedule Types: Independent Study

Law Department

LAW 406 - LAW REVIEW I

1.000 Credit hours

Levels: Law  
Schedule Types: Independent Study

Law Department

LAW 407 - LAW REVIEW II

1.000 Credit hours  
1.000 Lecture hours

Levels: Law

Schedule Types: Independent Study

Law Department

LAW 408 - LAW REVIEW III

1.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

LAW 409 - LAW REVIEW IV

1.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

LAW 411 - LAW REVIEW BOARD

2.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

LAW 412 - LAW REVIEW BOARD II

2.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

LAW 413 - MOOT COURT BOARD

Active membership on the Moot Court Board. Course is offered as credit/no credit.

1.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

**LAW 414 - MOOT CT-SUPREME CT DAY COMP**

Appellate advocacy competition (brief-writing and oral argument). Final round is argued before the Iowa Supreme Court during the Supreme Court Weekend celebration.

1.000 TO 2.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

**LAW 415 - MOOT COURT-NATIONAL COMP**

Interscholastic appellate advocacy competition (brief-writing and oral argument).

2.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

**LAW 416 - MOOT CT-ENVIRONMENTAL LAW COMP**

National environmental law competition; interscholastic appellate advocacy competition (brief-writing and oral argument).

1.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

**LAW 417 - MOOT COURT-IP MOOT COURT**

Other interscholastic appellate advocacy competition (brief-writing and oral argument).

2.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

**LAW 418 - MOOT COURT ABA COMPETITION**

ABA national appellate advocacy competition.

2.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

LAW 419 - MOOT COURT - CLIENT COUNSELING

Interscholastic client counseling competition. Course offered as credit/no credit.

1.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

LAW 420 - MOOT COURT - NEGOTIATIONS

Interscholastic negotiations competition. Course offered as credit/no credit.

1.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

LAW 421 - MOOT CT - NATIONAL MOCK TRIAL

Interscholastic national mock trial competition. Course is offered credit/no credit.

2.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

LAW 422 - MOOT COURT - AAJ MOCK TRIAL

Interscholastic AAJ mock trial competition. Course offered credit/no credit.

2.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

LAW 423 - MOOT CRT-CRIMINAL MOCK TRIAL



John Marshall Criminal Practice mock trial competition. Course offered credit/no credit.

1.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

#### LAW 424 - MOOT COURT - ARBITRATION

Other interscholastic competition. Course offered as credit/no credit.

1.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

#### LAW 425 - MOOT COURT - JESSUP COMP

Interscholastic international competition in international law (brief-writing and oral advocacy).

2.000 Credit hours

Levels: Law

Schedule Types: Independent Study

Law Department

#### LAW 501 - GENERAL CIVIL PRACTICE CLINIC

In this clinical program, students represent clients who could not otherwise afford legal assistance. Clinic student attorneys take primary responsibility for their clients in cases involving civil matters. They conduct intakes, interviews, and fact investigations; draft legal documents; handle negotiations; and represent clients in court hearings and trials, including jury trials. In addition, students participate in case selection and in weekly classes. Students also are required to attend a two-day, pre-semester orientation. Limited to students who have completed three semesters or more of law school and are eligible to receive a student practice license. Course is graded on a pass/fail basis.

4.000 TO 6.000 Credit hours

Levels: Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 502 - CRIMINAL DEFENSE CLINIC

This program allows students to experience criminal law work. Students begin by representing clients through the arraignment process, then over the semester, advance to representing clients in hearings, depositions,

negotiations, and trials, including possible jury trials. As with other clinical programs, student attorneys have primary responsibility for their clients. In addition, students participate in weekly classes and case rounds. Limited to students who have completed three semesters or more of law school and are eligible to receive a student practice license.

3.000 TO 6.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

### LAW 503 - ELDER LAW CLINIC

Students enrolled in this clinical program represent senior citizens in civil matters. Among the types of cases are those involving elder abuse, nursing home and health-related issues, and consumer fraud. Students conduct intakes, interviews, and fact investigations; draft legal documents, including wills, durable powers of attorney, and advance health care directives; and represent clients in a variety of forums, including court and administrative proceedings. Students are required to attend a two-day, pre-semester orientation. Limited to students who have completed two or more semesters of law school. If only two semesters of law school have been completed, or the student is otherwise ineligible to receive a student practice license, special permission from the instructor must be obtained prior to enrolling. Course is graded on a pass/fail basis.

3.000 TO 6.000 Credit hours

Levels: Law

Schedule Types: Lecture

Law Department

### LAW 504 - CHILDREN'S RIGHTS CLINIC

This program allows students to experience hands-on work in the area of juvenile law. Students act as guardians ad litem representing abused and neglected children in juvenile court proceedings. They also represent juveniles in delinquency proceedings. Students gather facts, draft legal documents, advocate for their clients, and participate in court hearings. In addition, students attend weekly classes and case reviews. Students are required to take the clinic for two semesters so that the children they represent experience continuity. This clinic is interdisciplinary, involving a graduate social worker and graduate education students. Limited to students in their third year of law school who are eligible to receive a student practice license. Children and the Law (LAW 280). Course is graded on a pass/fail basis.

4.000 TO 6.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

### LAW 505 - 2

Continuation of experiences in Children's Rights Clinic I (LAW 504). Graded on a pass/fail basis.

4.000 TO 6.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 510 - ADV GEN CIVIL PRACTICE CLINIC

This course would differ from the General Practice Clinic in that each student would be assigned cases most likely to go to trial. In such cases, the advanced student would be the lead student attorney and a new general practice clinic student would second chair the trial. Students must have completed an entry level clinic course and have permission from the instructor. CR/NC

4.000 Credit hours

Levels: Law  
Schedule Types: Lecture, Web Instructed

#### LAW 511 - ADV CRIMNL DEFNSE CLINIC/TRIAL

This clinical program offers students the opportunity to explore criminal defense in depth by representing clients charged with simple, serious, and aggravated misdemeanors. Charges typically handled by student attorneys include crimes against persons, crimes against property, motor vehicle offenses, drug offenses including illegal possession of drugs, child endangerment, prostitution, perjury, and carrying weapons. Students also may serve as second chair in a limited number of felony cases. Students must have successfully completed an entry level clinic course or prosecution internship and must have permission from the instructor, who determines enrollment.

1.000 TO 2.000 Credit hours

Levels: Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 511L - ADV CRIMINAL DEFENSE CLINIC

This is a companion course to Advanced Criminal Defense Clinic (LAW 511). This is two credit hours of the total experience which is graded with a standard letter.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 517 - JUVENILE DELINQUENCY CLINIC

Juvenile Delinquency Clinic: Law students will represent youth charged in juvenile court with delinquent acts. Students will represent youth in informal adjustments, detention hearings, adjudicatory hearings (trials) and

dispositional hearings (sentencing). The clinic includes a classroom component twice per week focusing on the procedural, constitutional, and statutory rules relating to youth charged as delinquents.

4.000 TO 6.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 519 - ENTREP/TRANSACTIONAL CLINIC

Students enrolled in the Entrepreneurial/Transactional Clinic will provide comprehensive legal services to business startups, entrepreneurs, and community nonprofit organizations to help establish successful "for profit" and nonprofit enterprises. The Clinic's target clients include those entrepreneurs and business innovators, who are not able to afford retained legal counsel, and who are located in several underserved Des Moines neighborhoods. An ET Clinic student will interview assigned clients about their specific business ideas and plans. Students will provide advice to the client about choice of entities and then draft the requisite organization documents for the client. Depending on the type of entity selected, the student will create articles of incorporation and bylaws, or LLC certificates of organization and operating agreements. A student may also evaluate a client's need for the protection of the client's intellectual property. This may trigger trademark or tradename registration with applicable state and federal agencies. Students also may furnish legal representation regarding common issues that confront small business owners, including, employment agreements and policies, Sub-S elections, leases, purchase agreements, financing arrangements, buy-sell agreements, and independent contractor agreements. The ET Clinic's general mission is to afford students an opportunity to apply classroom legal doctrines to real life business ventures - and help each student develop basic practice skills for common "deal making" situations that will confront them as practicing lawyers. Prerequisite: Business Associations (LAW 204).

4.000 TO 6.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

#### LAW 520 - REFUGEE LEGAL CLINIC

The Refugee Clinic will provide Drake Law students with the opportunity to engage in direct client representation on behalf of non-citizen applicants for asylum. Applications for asylum involve student representation before the Department of Homeland Security, the Department of Justice Executive Office of Immigration Review (i.e. the Omaha Immigration Court), the Board of Immigration Appeals, and the federal Courts of Appeal under relevant student practice rules. Open to all 2L and 3L students who are concurrently enrolled in or have completed Immigration Law.

3.000 TO 6.000 Credit hours

Levels: Law  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 550 - FR-CHANGE/DVLPMT EUROPEAN LGL

The legal systems of European countries have been subject to pressure to change and converge in the contest of the European Union. In this course we will look at how certain issues are developing in the legal systems of Scotland (which is a mixed system, based partly on English law traditions, and partly on continental law tradition) and France. For example, we will compare the written constitution of France with the largely non-written UK constitution, and will examine the further devolution of legislative power in Scotland in the light of the 2014 referendum and the regulation-making power in Wales, and the devolution of greater power to the Conseil Regionaux in France. We will also examine questions such as convergence within the criminal justice systems.

1.000 TO 2.000 Credit hours  
1.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 551 - FR - EUROPEAN UNION LAW

The European Union has become a formidable trading bloc, and the gross national product of the European Union countries will soon rival that of the United States. As international trade increases, it is imperative that U.S. lawyers understand how the community is organized. In this general introductory course, students explore the basic institutions and principles of the European Union as well as its procedures and provision for the free movement of goods, services, and persons. The course looks also at the political reasons behind the creation of the European Union, the impact of the expansion to the former Soviet bloc countries of Eastern Europe, and the attempts to put in place a constitution of the European Union.

1.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 552 - FR - INTL/COMP FAMILY LAW

This course will give a basic overview and comparison of American and international law concerning family and children's issues. The course will examine the rights of both children and parents and explore American and international laws and treaties relating to marriage and divorce, child custody, adoption, child abuse, abortion and reproductive rights, child abduction and domestic abuse.

1.000 TO 2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 553 - FR-INTL CRIMINAL JUSTICE

This is an upper-level course that explores the history and development of international criminal law. The course will begin with a brief exploration of the impact of the first wave-the post World War II tribunals, and

the second wave- the international, hybrid and mixed courts created since the 1990's, and continue with a survey of the obstacles to the enforcement of international criminal law in many of the conflict zones of the 21st century. We will study the procedures available in various national justice systems for victims or independent prosecutors/magistrates to commence criminal cases or civil actions against those allegedly responsible for atrocity crimes, including in non-territorial states based upon passive personality or universal jurisdiction.

1.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 554 - FR - GLOBAL ISSUES CRIM LAW

The course will focus on international and transnational criminal law because practicing lawyers are likely to encounter these areas. The main subjects will be transnational criminal law, terrorism, and genocide. Issues of jurisdiction, which are generally not addressed in detail in a first year criminal law course, will be incorporated into the analysis of these subjects. The course will also explore some aspects of comparative criminal law. For example, it will examine how other systems view issues such as criminal intent, actus reus, and defenses by discussing the international tribunals' treatment of genocide cases.

1.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 557 - FR-EUROPEAN MIGRATION LAW

The civil justice system in the United States is widely misunderstood by those in Europe. One of the greatest sources of confusion relates to punitive damages. These damage awards are often at the center of the debate in the U.S. regarding the role our civil justice system plays in regulating the behavior of individual and corporate actors. The class will examine in detail the punitive damage controversy in the U.S., including the United States Supreme Court's active involvement. The class will also study the availability of punitive damages in Europe, including surrogates to punitive damages used in some European countries to achieve some of the same ends as punitive damage awards.

1.000 Credit hours

1.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 560 - FR - GLOBAL CYBER LAW

Cyber Law addresses the internet's relationship to technological and electronic elements. It encompasses many emerging legal issues that intersect with daily life, including privacy, cybercrime, commercial law, intellectual

property, human rights law, social media and free speech. As these topics can be impacted by things like international conflicts, cyber warfare, and economic developments, the course's content will be at the cutting edge of the world's biggest issues. This class is relevant to students interested in nearly every legal discipline. For example: Family law is impacted when a child's Twitter or Snapchat feeds are admitted in court. Securities law is implicated when people donate to international causes online. The increasing presence of hackers and email breaches can impact everything from privacy law to presidential elections. The class will give students the opportunity to consider how the cyber world is increasingly impacting the physical world. There are no prerequisites for the course.

1.000 Credit hours

Levels: Law

Schedule Types: Lecture

Law Department

#### LAW 561 - HOLOCAUST AND THE LAW

This course grew out of the rapid internationalization of domestic law over the last decade, especially in civil litigation before U.S. courts. The course will examine some of the recurring issues that arise when foreign parties sue or are sued in U.S. courts. Topics studied include personal jurisdiction, forum selection, service of process, choice of law, conducting discovery abroad, foreign sovereign immunity, anti-suit injunctions, and recognition and enforcement of foreign judgments. The topics should be accessible to first-year students who have just completed Civil Procedure I and II.

2.000 Credit hours

2.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Lecture

Law Department

#### LAW 600 - INDEPENDENT INTERNSHIP

Student arranges a one-time internship with a government institution or nonprofit organization that permits the student to perform lawyering skills under the direction of a faculty member and a supervising attorney. Approval of the Associate Dean is required. This course is CR/F.

1.000 TO 9.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 601 - SECURITIES LAW INTERNSHIP

Students serve as interns with attorneys within the securities regulatory agency for Iowa, working on a variety of securities regulatory matters. This course is graded CR/F.

2.000 Credit hours

2.000 Lecture hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 602 - IOWA LEGAL AID INTERNSHIP

Students serve as interns with Iowa Legal Aid. Iowa Legal Aid is a nonprofit organization providing legal assistance to low-income and vulnerable Iowans who have nowhere else to turn. Students will participate in all stages of case intake and development including: client intake and counseling, document drafting and filing, hearings, and trials under the supervision of an Iowa Legal Aid Attorney. Students need 45 hours of work for each hour of course credit. Students may have the opportunity to represent clients under the Iowa student practice rule.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 603 - ETHICS INTERNSHIP

Students are placed with the Iowa Board of Professional Ethics and Conduct. Interns work on all phases of complaints, performing fact finding, researching, and assisting prosecuting attorneys at ethics hearings before the Grievance Commission. This course is CR/F.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 604 - ADMINISTRATIVE LAW INTERNSHIP

Students serve a semester-long internship with an administrative agency. Prerequisite: Administrative Law (LAW 252). This course is CR/F.

2.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 604W - AWR for LAW 254

0.000 Credit hours



Levels: Law  
Schedule Types: Lab

Law Department

#### LAW 605 - IA CIVIL RIGHTS COMM INTERN

Students investigate actual claimants. Students will typically screen eight to ten cases and write up a proposed disposition. Students can only enroll with the permission of the instructor, who communicates the Law School's and the Iowa Civil Rights Commission's (ICRC) expectations as to both the quantity and quality of the work. Students need 45 hours of work for each hour of credit. Course is graded CR/F.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Independent Study

Law Department

#### LAW 607 - INSURANCE LAW INTERNSHIP

Students serve as interns with attorneys in the Legal Affairs Division of the Iowa Department of Insurance, participating in such varied activities as administrative decisions, enforcement actions, and developing public policy under supervision of the commissioner. Offered as CR/F.

2.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Internship

Law Department

#### LAW 609 - FED PUBLIC DEFENDER INTERNSHIP

Students are exposed to the practical application of substantive law to the defense of criminal charges in the federal courts. Interns shadow their supervising attorney through at least one entire criminal proceeding from arrest through appeal. Interns draft legal documents, interview witnesses and clients, and participate in plea bargaining. This course is graded CR/F.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Independent Study

Law Department

#### LAW 610 - CONSUMER LAW INTERNSHIP

Students serve a semester-long internship with either the Consumer Protection Division of the Iowa Attorney General's Office or the Regulatory Counsel's Office of the Iowa Credit Union League. Students will gain experience and insight as to the state and federal compliance laws impacting credit unions, how credit unions

manage consumer compliance requirements (and work with third party consultants to do so), and where the relevant federal agency is focusing in the future relative to consumer regulation of financial institutions. Prerequisites for the course include permission by faculty supervisor and approval by the field supervisor in the AG's or Iowa Credit Union League's office. This course is CR/F.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Independent Study

Law Department

#### LAW 611 - USDA INTERNSHIP

Students will receive real-life practical experience in the operation of United States Department of Agriculture (USDA) agencies and implement various federal programs relating to agriculture and rural issues. The agencies involved with the internships include the state or regional offices, located in Des Moines for Rural Development (RD), Farm Services Agency (FSA), Natural Resources Conservation Service (NRCS), and Grain Inspection Packers and Stockyard Administration (GIPSA). This course is CR/F.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Independent Study

Law Department

#### LAW 612 - ADV PROSECUTOR INTERNSHIP

The advanced internship will center on complicated trial techniques, complex evidentiary issues and a more intensive look at the prosecutorial function. The advanced internship will offer law students the unique opportunity to first or second chair felony jury trial supervised by assistant county attorneys. As prerequisites, each student will need to have completed a standard prosecution internship (LAW 613 or 614) prior to enrollment. This course is graded CR/F.

1.000 Credit hours  
1.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Independent Study

Law Department

#### LAW 613 - PROSECUTOR INTERNSHIP

Under general supervision of the law faculty, students work for a prosecuting attorney, either full time during the summer or part time during a semester. Students participate in all aspects of criminal prosecution, including witness preparation, pretrial and post-trial hearing, misdemeanor jury and non-jury trials, and juvenile court proceedings. Forty-five hours of work will fulfill the credit-hour obligation, and after that point students may receive an hourly stipend. Students must have completed Evidence (LAW 113) and Criminal Procedure I (LAW 236) prior to enrollment, and should either have taken or be simultaneously enrolled in Trial Advocacy (LAW 113).

1.000 Credit hours  
1.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Independent Study

Law Department

#### LAW 614 - POLK CO PROSECUTOR INTERN

Students are placed in the Polk County Attorney's Office to develop skills necessary to practice as a trial attorney in prosecution. The internship allows students to participate in all aspects of criminal prosecution including witness preparation, pretrial and post-trial hearings, misdemeanor jury and non-jury trials, and juvenile court proceedings. Students must have completed Evidence (LAW 113) prior to enrollment, and should either have taken or be simultaneously enrolled in Criminal Procedure I (LAW 236). This course is CR/F.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Independent Study

Law Department

#### LAW 615 - INDIVIDUAL RESEARCH

An opportunity to engage in advanced research and writing. The subject of the research, the nature and quantity of the work required and the number of credits awarded are determined by the supervising professor. Not intended as a substitute for offered courses. Students may earn credit for LAW 615 only once towards the hours needed for graduation. This course is graded CR/NC.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Independent Study

Law Department

#### LAW 615W - ADV WRITING REQ FOR LAW 615 AWR for LAW 615

0.000 Credit hours

Levels: Law  
Schedule Types: Independent Study

Law Department

### LAW 616 - LEGISLATIVE PRAC INTERNSHIP

This internship is designed to give students an experiential component bringing together the knowledge and skills gained in their prior legislative courses. During the legislative session, students are assigned as interns to public interest groups, associations, or government agencies that are advocating for or against legislation, or to the research staffs of legislative caucuses or support agencies. Course is offered CR/F.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

### LAW 618 - IA SPRM CT SCHLR RESEARCH

One third-year student will be selected for academic year residence at the Iowa Judicial Branch Building, co-authoring a law review article with an Iowa Supreme Court Justice. The research commitment extends over the entire academic year (fall/spring); however, credit for all hours will be given in the spring semester. Criteria for selection is as follows: A demonstrated commitment to scholarship (through participation in a law journal, significant research for faculty for publication, judicial internship, etc.), strong academic record, and faculty recommendations. Students should apply through the Associate Dean's office. This course is CR/F.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

### LAW 620 - JUVENILE LAW INTERNSHIP

Students gain practical experience and insight into the juvenile justice system through placement in the Polk County Attorney's Office prosecuting juvenile delinquency and child abuse and neglect cases. Prerequisites - Children and the Law and Trial Advocacy. This course is CR/F.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

### LAW 621 - HONORS JUDICIAL INTERNSHIP

Student interns learn about the state (appellate) and federal (trial and appellate) judicial decision-making process through work with a federal trial or appellate judge, with a justice of the Iowa Supreme Court, or with the highest state appellate court. Prerequisites - A minimum 3.0 GPA and a demonstrated commitment to scholarship (through participation in a law journal, significant research for faculty for publication, judicial internship, etc.), a strong academic record, and a faculty recommendation, and approval of the Judicial Internship Director and the Associate Dean. This course is CR/F.

5.000 TO 6.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 622 - CHILDREN'S RTS INTERNSHIP

Students in this course will work on a variety of projects for the Middleton Center. Projects could include research and writing on topics of juvenile law, production of educational materials, work on the center newsletter, website materials, etc. This course is CR/F.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 623 - JUDICIAL INTERNSHIP

Students serve as judicial law clerks or as interns with public officials in a faculty-supervised program. Summer placement with federal and state judges, in other jurisdictions as well as in Iowa, is frequently arranged. Placement is at the discretion of the faculty supervisor after the student has completed not fewer than 30 hours of law school work with a minimum 2.3 cumulative grade point average. Course is graded CR/F.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 624 - IA WORKERS COMP INTERNSHIP

The Industrial Commissioner is the top official for the administration of Iowa Workers' Compensation law. Students in this internship would work on a variety of projects for the Iowa Industrial Commissioner's Office located in Des Moines. The student would participate in the drafting of opinions in contested workers' compensation cases. This would entail working closely with the Iowa Industrial Commissioner and the Deputy Industrial Commissioners. Students would have a unique opportunity to apply the rules of administrative law and the doctrine of workers' compensation in a hands-on-setting. A student would be required to put in 45 clock hours per academic credit hour and could take from three (3) to six (6) credits. Approval of the Curriculum Committee and the Associate Dean would be required for hours in excess of three (3). Workers' Compensation (LAW 244) is not required though it is strongly encouraged and students who have taken or who are pre-registered for the course will be given preference in selection. This course is graded CR/F.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

## Law Department

### LAW 626 - ENVIRONMENTAL LAW INTERNSHIP

Students serve as interns with the Iowa Department of Natural Resources or the Environmental Division of the Iowa Attorney General's Office. This course is CR/F.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

## Law Department

### LAW 627 - LEGISLATIVE INTERNSHIP

The experiential component of LAW 233 - Legislation. Students work with Iowa legislators during the annual legislative session. Assignments are arranged through the Iowa General Assembly's Joint Legislative Internship Program. Prerequisite: Legislation (LAW 233). This course is CR/F.

2.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

## Law Department

### LAW 628 - US ATTORNEY'S OFFICE INTERNSHIP

Students work at the United States Attorney's Office in Des Moines on all matters of case development including: case investigation, grand jury proceedings, pretrial motions, jury trials, and post-trial procedures. Students must have completed both Evidence (LAW 113) and Criminal Procedure I (LAW 236) prior to enrollment. This course is CR/F.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

## Law Department

### LAW 630 - ATTORNEY GENERAL OFFICE INTERN

Students are placed in the Division of Criminal Appeals in the Iowa Attorney General's Office to develop skills in the area of criminal appellate practice. The internship allows students the opportunity to participate in all stages of appellate practice from briefing on motions for interlocutory appeals to the potential for arguing appellate cases at the Iowa Court of Appeals or Iowa Supreme Court. Students may not work in the Criminal Defense Clinic or Appellate Clinic at the same time as this internship. Students who have performed any criminal defense work in a private firm must perform a conflicts check and make appropriate arrangements to avoid ethical conflicts. Students must have completed Evidence (LAW 113) and Criminal Procedure I (LAW 236) prior to enrollment. Course offered as CR/F.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

#### LAW 631 - JUVENILE COURT INTERNSHIP

Students gain practical experience and insight into the juvenile justice system through placement with a Polk County juvenile court judge doing research, observing hearings, drafting memos and sometimes decisions, and working on model court or court improvement projects when possible. This course is CR/F.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 632 - JUVENILE LAW APPELLATE INTERN

Students gain practical experience and insight into the juvenile justice system through placement in the Attorney General's Office on appeals from placement on the Child Abuse Registry and Termination of Parental Rights. Students research and write briefs and represent the State in prehearing conferences and administrative hearings. This course is CR/F.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 633 - ADV POLK CO PROSECUTOR INTERN

The advanced internship continues the development of student skills from the standard internship courses, with a focus on trial techniques, difficult evidentiary issues and more complex prosecutorial issues. The advanced internship intends to offer each student the opportunity to first or second chair felony jury trials supervised by assistant county attorneys. As prerequisites, each student will need to have completed a standard prosecution internship (LAW 613 or 614) prior to enrollment. This course is CR/F.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 634 - DISABILITY RIGHTS IOWA (DRI)

Students will have the opportunity to work on a variety of disability law projects at Disability Rights Iowa, with a focus on the legal rights of children with disabilities. Students will interview potential clients, assist

with monitoring restraint and seclusion practices at juvenile facilities, and do legal research and writing in support of litigation at DRI. This course is CR/F.

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

#### LAW 635 - L.L.M. RESEARCH PAPER

Individualized Legal Studies shall write a paper of two to four (2-4) credit hours under the supervision of a full-time member of the Drake law faculty. The minimum standards for the paper are as follows: The paper must be a written project of sufficient quality and suitably documented for a project of its type to be deemed of professional quality by the supervising professor. The project must be at least 35 pages long, double-spaced on 8 ½" x 11" paper, including any footnotes. The project must involve submission of a draft to the supervising professor, with the requirement of a rewrite at the option of that professor.

2.000 TO 4.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 636 - LL.M/M.J. Thesis

An opportunity to engage in original, in-depth scholarly research. The subject of the research, the nature and quantity of the work required and the number of credits awarded are determined by the supervising professor. Not intended as a substitute for offered courses. Student may be required to present the theses as determined by the LL.M/M.J program Director.

2.000 TO 6.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 637 - SUPREME CT ADMIN INTERN

Student interns learn about administration of the state judicial system through work with the the Justices of the Iowa Supreme Court in their role supervising the judiciary. Students will work individually and in groups with the Jusctices of the Iowa Supreme Court developing and evaluating proposals for administrative reform of the judiciary. Prerequisites: Completion of 45 credit hours, a minimum 3.0 GPA and demonstrated commitment to scholarship (through participation in a law journal, significant research for faculty for publication, judicial internship, etc.), a strong academic record, a faculty recommendation, and approval of the Associate Dean. This course is CR/F.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study



## Law Department

### LAW 638 - ST PUBLIC DEFENDER INTERN

Students in this internship conduct witness interviews, perform legal research, attend court proceedings with the supervising attorney, help prepare for trial, and otherwise assist state public defenders on felony cases, but do not practice law under the student practice rule. Students learn from experienced defense attorneys about pretrial and trial preparation and procedure in the context of felony cases. This course is CR/F.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

### LAW 639 - ST PBLC DEFEND APPELL INTERN

Students in this internship research and write appellate briefs and argue the case before the Iowa Court of Appeals or the Iowa Supreme Court. Students are supervised by experienced attorneys in the appellate division of the State Public Defenders Office. This course is CR/F.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

### LAW 640 - IOWA PUBLIC INFORMATION BOARD

The Iowa Public Information Board is a nine-member board appointed by the Governor and confirmed by the Senate. It is an independent agency of state government. The mission of the IPIB is to enforce Iowa's Open Meetings and Public Records laws. The internship entails working directly with the board's deputy director on research, writing, and investigative projects in support of the Board's activities. The intern will also attend Board meetings and hearings. Prior coursework in Administrative Law and/or State and Local Government Law is strongly encouraged. This course is CR/F.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Internship

### LAW 642 - IOWA SECRETARY OF STATE INTRN

The internship consists of legal research and writing projects conducted by the intern in support of the Iowa Secretary of State's Office. The research topics will include: legislative proposals, administrative rulemaking, practical application of Iowa election code, election case law reviews, and compliance with federal laws. The intern may also attend meetings between the Election Divisions and legislators, other state and local government agencies, and outside groups. Other duties include responding to constituent inquiries and performing general legal research.

1.000 TO 3.000 Credit hours

Levels: Law

Schedule Types: Internship

Law Department

#### LAW 643 - KIDS FIRST INTERNSHIP

Students who intern at Kids First Law Center will work collaboratively with lawyers and educators to provide training on children's rights in the divorce context, as well as run educational workshops for children. Students will also have the chance to observe court hearings in high-conflict custody cases and learn about effective lawyering for children in such cases. They will also learn skills for effectively interviewing children, teachers, and other service providers as they gather information about their client. Family Law is recommended. CR/F

2.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Internship

Law Department

#### LAW 644 - ST PUBLIC DEF-WRONGFUL CONVICT

This internship will provide the student with knowledge and familiarity with post-conviction and criminal law in Iowa. Students will also learn to analyze the most common causes of wrongful convictions, including, but not limited to: eyewitness identifications, false confessions, junk science, police & prosecutor misconduct, perjury or snitches, and ineffective assistance of counsel. Students will also become familiar with DNA science and testing capabilities. Students will be exposed to the ethics of post-conviction investigation and representation. Students will be expected to develop skills, including: interviewing witnesses, clients and members of the legal community, drafting post-conviction applications, motions, memorandum, and policy proposals. The internship can be taken for two credits for only one semester, but can also be taken for two credits each in two consecutive semesters (Summer/Fall, Fall/Spring, or Spring/Summer). Note also that students do not need to be certified under the Student Practice Rule, so the course can be taken before a student has accrued 45 credits.

2.000 Credit hours

Levels: Law

Schedule Types: Internship

Law Department

#### LAW 644A - ST PUBLIC DEF-WRONGFUL CONVICT

This course has the same description as State Public Defender Wrongful Conviction Internship. The courses are numbered separately to enable the student to take the Internships in consecutive semesters, although a student may also choose to take only one semester, that is, the course numbered 644 is not a prerequisite for the course numbered 644A.

2.000 Credit hours

Levels: Law

Schedule Types: Internship

Law Department

#### LAW 644B - ST PUBLIC DEF-WRONGFUL CONVICT

This course has the same description as the State Public Wrongful Conviction Internship, 644. The courses are numbered separately to enable the student to take the Internships in consecutive semesters, although a student may also choose to take only one semester; that is, the course numbered 644 or 644A are not prerequisites for the course numbered 644B.

2.000 Credit hours

Levels: Law

Schedule Types: Internship

Law Department

#### LAW 645 - LEARNING PRAC/INTRN SEMINAR

This is the required course that forms a core piece of the internship experience. All students who have enrolled in an internship for credit must attend this seminar. In the course, students will develop the skills necessary to learn from their internship experience, including how to set goals and work with field placement supervisors, how to encounter ethical issues that arise in practice, and how to engage in self-evaluation and reflection.

0.000 Credit hours

0.000 Lecture hours

Levels: Law

Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 646 - FARM BUREAU INTERNSHIP

Farm Bureau is a non-profit, national agricultural member association that also has state level organizations. Students working at the state or national level can receive credit for work done as part of the organization legal or policy teams.

1.000 TO 3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Independent Study

Law Department

#### LAW 800G - THE REGULATORY PROCESS

The course will provide students with an understanding of the legislative and regulatory process. Students will study the legislative law-making process, administrative agency structure and regulatory authority; agency rule making, guidance and regulation processes; regulatory and statutory interpretation; monitoring of agency and legislative action; administrative advocacy; and administrative supervision, examination and enforcement. Students will also be exposed to statutes and regulations specific to various industries, such as financial

services, health, insurance and employment.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Law Department

Course Attributes:  
Drake Online Grad/Prof Program

#### LAW 801G - FOUNDATIONS OF LAW

This course introduces common law doctrines relevant to corporate liability, including basic concepts from contracts, sales, torts and criminal law.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Law Department

#### LAW 802 - LAW OF COMPLIANCE/RISK MGMT

This course covers the various legal issues that are handled by compliance professionals, such as regulatory and statutory compliance, supervision and enforcement, avoiding illegal activity, identifying and dealing with wrongdoing and corruption, conducting internal investigations, information security and ethical considerations. Topics include development of compliance processes and controls, the role of various compliance professionals in organizations, internal investigations and processes, and external examination, such as supervision and enforcement.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

Law Department

#### LAW 802G - LAW OF COMPLIANCE/RISK MGMT

This course covers the various legal issues that are handled by compliance professionals, such as regulatory and statutory compliance, supervision and enforcement, avoiding illegal activity, identifying and dealing with wrongdoing and corruption, conducting internal investigations, information security and ethical considerations. Topics include development of compliance processes and controls, the role of various compliance professionals in organizations, internal investigations and processes, and external examination, such as supervision and enforcement.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Law Department

Course Attributes:

Drake Online Grad/Prof Program

### LAW 803 - COMP INTL ADMIN PROCEDURE

This three (3) credit course addresses foundational principles of administrative law in select international locations and compares them to American administrative law procedures. Students will take a comparative approach to the staples of administrative legal procedures as they exist in various jurisdictions. Students will look at decision-making procedures that guide commercial operations and learn research methods to identify key risks associated with operating abroad. Students will learn how to create, implement and maintain a dynamic compliance program that meets standards set by international treaties and sovereign governments. Throughout the online modules, students will apply lessons learned to real-world dilemmas encountered by organizations engaging in business abroad.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Web Instructed

Law Department

### LAW 804 - INS LAW:COMP/RISK MGMT TPCS

Insurance Law is a three-credit course that satisfies an elective credit for students enrolled in the online MJ in Compliance and Risk Management. The course focuses on issues and topics in insurance law and how these impact business operations. Subjects include insurance contract and its interpretation; life, casualty and liability insurance; selection and control of risks; claims adjustment; and regulation of the insurance industry.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate

Schedule Types: Web Instructed

Law Department

### LAW 899 - SELECTED TOPICS IN COMPL RISK

The Compliance and Risk Management intensive courses generally will run from Friday at 6p through Saturday at 6p and generally will focus on industry-specific compliance and risk management issues. The intensives will be open to program students and to anyone who registers and pays the registration fee.

MJ and LLM Compliance and Risk Management students will receive one elective credit (not graded) for each TWO intensives they attend and for which they complete academic requirements. Academic requirements will include at least two hours of classroom instruction with appropriate assignments outside of class.

JD students will be permitted to receive credit for attending an intensive, each TWO intensives that they attend and for which they complete academic requirements. JD students can enroll in an intensive with the permission of the program director.

Attendees at the intensives who are not currently enrolled in any aspect of the Compliance and Risk Management program or as Drake JD students, who later apply for and are accepted in the Compliance and Risk Management MJ or LLM program, will receive one credit toward an MJ or LLM for each TWO intensives that they attend and for which they complete academic requirements.

Intensives will be certified for continuing education, including Continuing Legal Education.

0.500 Credit hours

Levels: Graduate, Law, Non Degree Coursework  
Schedule Types: Lecture

#### LAW 901 - ADMINISTRATIVE LAW - HEALTH MJ

A study of the federal and state law that controls the administrative operation of government. Course emphasizes the powers that may be exercised by the administrative agencies, the principles of governing the exercise of those powers and the legal remedies available to persons aggrieved by administrative action.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate  
Schedule Types: Lecture

Law Department

#### LAW 904 - HLTH CARE BUS LAW/COMPLINCE MJ

This course provides an overview of the primary areas of business law and compliance of interest to health care organizations. Students will consider a wide variety of source materials including case law, government directives, industry reports, and guest speakers. They will also participate in a realistic pre-trial health law simulation in which they will: practice client in-take; draft and respond to requests for production; develop interrogatories; depose witnesses; and advise clients.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture

Law Department

#### LAW 999 - LAW TEST COURSE

0.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture

#### LEAD 0-- - LEADERSHIP LOWER-LEVEL CREDIT

0.000 TO 8.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture

#### LEAD 001 - FOUNDATIONS OF LEADERSHIP

This course provides an introduction to leadership and the interdisciplinary concentration in Leadership Education and Development. The course is open to all students including those enrolled or considering enrolling in the concentration. General topics include the definition and basic tenets of leadership, how leadership differs from management and power wielding, and the traits/characteristics of leaders and followers including credibility and integrity. Students will read classic works in leadership and create action plans for leadership engagement and development. Students will begin to create their personalized Leadership Development Portfolio (LDP) used throughout the concentration.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Education: Leadership & Couns Department

#### LEAD 050 - LEADERSHIP:THEORY TO PRACTICES

This course elevates student awareness of the theoretical foundations of leadership as well as the skills, values, attitudes and emotions that motivate leaders to take action. Topics include an historical perspective of leadership, the study of a great leader, the Social Change Model for Student Leadership Development, ethical awareness, decision making, power, influence, credibility, integrity, values formation, and system thinking. A major leadership model such as Emotional Intelligence, The Workplace Big Five, Situational Leadership or others will be included in the course. Several assessments will be employed for students to gain awareness of their strengths and areas of development with action planning as an important part of the class. Students will be introduced to the development of their personalized Leadership Development Portfolio (LDP) used throughout the concentration. Students select a leadership mentor to work with during this class. Prerequisite: LEAD 001 or completion of the Don Adam's Leadership Academy.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Education: Leadership & Couns Department

#### LEAD 060 - LEADERSHIP EXPERIENCE

This is an experiential (non-classroom) course requiring students to be actively engaged in a significant campus or community area of involvement (team, committee, club, etc.). This involvement could be through

academic or co-curricular activities. Students will gain awareness of the mission, vision and values of the activity as well as take part on a project while documenting their experiences in their Leadership Development Portfolio (LDP). Students will meet with their leadership mentor during the experience and develop a written project description or contract and analysis plan. This class can be taken concurrently with LEAD 050 or after completion of LEAD 050.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Education: Leadership & Couns Department

### LEAD 100 - LEADERSHIP:INFLUENCE & CHANGE

This macro-level leadership course focuses on the leadership of teams, organizations and community. The first part of the course examines issues related to the leadership of teams - building effective teams, conflict management, team role structures, and creating team viability. The second part of the course examines issues related to the leadership of organizations and community - building a shared vision, building a leadership culture, championing organizational change, and the political realities of leading. The major objective of the course is to aid students with (a) becoming effective and ethical leaders, and (b) integrating and applying knowledge and experiences from prior course- work on their path to leadership development. All course experiences will culminate in a capstone class project - a realistic organizational simulation where students will create a new team-based organization. Prerequisites: Junior or Senior standing. LEAD 050

0.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:  
Community Engaged Learning, Engaged Citizen

### LEAD 110 - LEADERSHIP AT SEA

Leadership at Sea is a blend of classroom and experiential learning focusing on leadership development, team building, and seamanship. The course features sailing in the Bahamas aboard the schooner Liberty Clipper. The goal of the course is to elevate one's ability to navigate new environments (Nassau and a tall ship), learn new languages (culture language of Nassau and sailing terminology) and to work successfully in teams, follow, and lead. We will discover and apply the Situational Leadership model to our time at sea and develop a language of leadership for effective communication aboard ship. We will spend one week on-campus followed by six days in Nassau. Our time in Nassau will include meeting with officials at the American Embassy and the Bahamian government, meeting the first officers and tour a Norwegian Cruise Line ship, completing an historical tour of Nassau, and attending a session with student leaders at the College of the Bahamas. We also will participate in the Susan G. Komen Race for the Cure and Martahon Bahamas (run or staff water stations). We will then set sail for a week exploring the Bahamas Out Islands. The Liberty Clipper, a U.S. Coast Guard licensed 125' gaff-rigged schooner, will serve as our leadership laboratory enabling students to rotate through ship positions while taking more ownership of all sailing-related tasks. While at sea, the itinerary includes small island exploration, kayaking, snorkeling, and small craft sailing (<http://www.libertyfleet.com>).



0.000 TO 12.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lab, Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand

#### LEAD 112 - EXPLORATIONS OF URBAN POVERTY

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### LEAD 120 - MANY WOMEN, MANY LEADERS

This course will provide students a chance to study leadership and qualities of leadership as they pertain to a diverse array of women leaders. We will focus on three specific facets to develop an astute understanding and analysis of women's leadership: leadership theories, historical examples of women's leadership, and a contemporary perspective on what women's leadership roles look like today and the challenges women face in realizing these roles. In all of our work, we will pay close attention to issues of race, class, and privilege, and the different ways these social realities impact the ability of women to lead effectively within society along with the creative ways women respond to them. No pre-requisites required.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand

#### LEAD 169 - LEAD INTERNSHIP

The internship experience in the Concentration in Leadership Education And Development (LEAD) is intended to elevate the student's understanding of leading a domain as they complete a significant work project. LEAD interns spend time interviewing and shadowing leaders as well as attending high-level meetings to learn about how mission, vision and strategic intent are implemented within a defined corporate area. Most LEAD internships have followed either a credit internship within one's major or work at the company. It is expected that LEAD Internships and Intern Supervisors will provide a high level work experience that challenges the student to learn about the work and leadership needed for organizational success. Internships are almost always three credit hours with a work to credit ratio of 40-50 contact hours per academic credit hour.

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Leadership, Adult Dev & Learn Department

Course Attributes:  
Service Learning

### LEAD 190 - CAPSTONE PRACTICUM W/REFLECTIO

This is the capstone leadership experience in the Concentration in Leadership Education and Development (LDEV). Students will be actively engaged in an action oriented, service learning project to create a meaningful change with the goal to create a better community for oneself and others. The student(s) will team with a LDEV partner in a profit or not-for-profit organization to define and implement a change initiative. The student(s) and faculty will meet weekly on-campus or via Skype to discuss the experiences and learning occurring during the practicum as it unfolds. The student will complete assignments and the experience will be documented in a reflective Leadership Development Journal (LDJ). The LDJ is an on-line, interactive reflective journal that the students will complete during the experience with reaction and interaction with the faculty member teaching the class. This course requires the student(s) to reflect upon and put into practice what they have learned by integrating the program each fall and/or spring term for students to present their experiences and learning. This will be attended by Concentration students, faculty and interested parties.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Education: Leadership & Couns Department

Course Attributes:  
Community Engaged Learning

### LEAD 198 - LEADERSHIP IND STUDY

1.000 TO 6.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Education: Leadership & Couns Department

### LEAD 199 - SPECIAL TOPICS

0.000 TO 12.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Independent Study, Internship, Lab, Lecture, Web Instructed

Education: Leadership & Couns Department

### LIBR 0-- - LIBR LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

#### LIBR 042 - INFO LIT: KEY TO COM/EXP LEARN

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lecture, Web Instructed

Course Attributes:  
Information Literacy

#### LIBR 046 - INFORMATION LITERACY

This course imparts an understanding of information resources, teaches the skills needed to search many formats of information resources, and covers some of the social and/or ethical issues that relate to technology and knowledge management.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Miscellaneous Department

Course Attributes:  
Information Literacy

#### LIBR 052 - INTRODUCTION TO ARCHIVES

An Introduction to Archival Methods and Services. This course serves as an experiential introduction to the responsibilities of archivists and records managers by providing an overview of the principles, upon which archival work: appraisal, acquisition, accession, processing, arrangement, description, and use. Through practical and hands-on assignments involving the collections in the Drake University Archives and Special Collections, readings, and discussions, the course will establish a basic understanding of the archival profession.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Interdisciplinary(workload) Department

Course Attributes:  
Information Literacy

### LIBR 056 - INFO LITERACY & WALKING DEAD

This is a 2-credit Information Literacy course taught through the story line of the TV show The Walking Dead. The basis of the show is fictional (zombie apocalypse), but many problems faced by the people have a factual basis. For this course, we will identify factual issues, and do the research to answer them. In some cases, i expect we will only start to answer them. We will learn and use library-based resources in addition to the Internet. Students will be expected to watch portions of each of the first five seasons before class begins, and portions from the remaining three seasons during the first half of the semester. Students should be aware that this show contains a significant amount of graphic violence.

2.000 Credit hours

2.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Course Attributes:

Information Literacy

### LIBR 066 - DESTINATION THAILAND

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Course Attributes:

Information Literacy

### LIBR 072 - WHAT'S UP DOC: DOCUMENT FILMS

This course will use documentary films to explore the standards of information literacy and impart an understanding of information resources. Students will explore the history of documentary film as well as current trends in documentaries. We will watch a variety of documentary film formats and learn the skills needed to search many formats of information resources. We will explore the notion of documentaries as texts that are both the result of research and the starting points for more research. This course will also explore the research methods and processes of documentary film makers.

0.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

Information Literacy

### LIBR 076 - ONLINE DATING & INFO SEARCHING

This course will focus on information searching and the research process as understood through the metaphor of online dating. To do so, we will read writing about research and also the 2015 book Modern Romance.

Students will select a topic adjacent to the content of Modern Romance to research in teams and eventually create a metaphor through which to teach the class about their topic.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Information Literacy

### LIBR 077 - FAKE NEWS, FILTERS, FALSEHOODS

We live in an age of information overload, where individuals can create their own, private news and media enclaves. Social media allows us to filter out what we don't care to see and engage with ideas that sometimes only serve to reinforce our existing beliefs and ideas. This new era also presents us with the dangers of "fake news" that so closely resembles the real thing that even the most discerning eye cannot pick it out of a line up. This course will focus on how we can navigate the rivers of information, become discerning consumers, separate fact from fiction, and approach daily sources of information with an objective eye. We will also explore the effects of information overload, how we can become more information literate in a society saturated with various forms of media, and how that can help us be more engaged citizens.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Interdisciplinary(workload) Department

Course Attributes:  
Engaged Citizen, Information Literacy

### LIBR 079 - LIFE, LIBERTY, PURS OF HAPPINE

In the frenetic pace of the 21st century it can often be difficult to find our way through the noise, distraction, and fury to a place of purpose and meaning. This course offers students an interdisciplinary look at ways to live their lives by changing perspective and thinking deeply about the most important issues of our time. Using examples from literature, science, technology, education, psychology, and community engagement, the instructors will guide students through a critical examination of their lives and how they can build their futures around the concept of lifelong learning.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### LIBR 081 - COMMUNICATING SCIENCE

COMMUNICATING SCIENCE: BRINGING SCIENTIFIC INFORMATION LITERACY TO THE PUBLIC.  
Science and new technology often gets branded as too complex or esoteric by media and therefore receives

little attention in the daily lives of many. However, thanks to the internet and social media, scientific achievements and new concepts are becoming easier to communicate, share, and explain to a wider audience. This course focuses on the variety of methods and media by which science can be explored and communicated to the general public. Students will explore ways of making science more accessible through literature, science fiction, social media, video, citizen science, science journalism, and other burgeoning areas of the internet. Students will also explore the purpose, value, and rationale behind making science more accessible to a wider audience that includes children and adults.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Information Literacy

#### LIBR 099 - COPYRIGHT ISSUES IN THE U.S.

Whether you are writing a song for performance, taking notes in class, or posting an event on Facebook, do you have copyright protection for what you do? If you share someone else's story, can he or she claim infringement? What is copyright, anyway? Take this Engaged Citizen class for an overview of copyright law and the many ways it affects our lives in the United States.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Engaged Citizen

#### LIBR 101 - REFLECTIONS ON VIDEO GAMING

The J-Term class will explore the relationship between video games, gamers and their communities. Starting with the question, "what is a game" student will develop foundational knowledge of video gaming concepts such as aesthetics, narrative, rules and design. From these basic elements, students will then explore the ideals of community as the interaction between the social values "coded" into a video game and game play as a means to communicate membership within that community. In particular, students will have an opportunity to critically reflect how video games and norms or game play shape community ideas of race, gender and sexual identity.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Engaged Citizen

### LIBR 127 - RESEARCHING WOMEN

In this project-based research seminar, students will conduct extensive research into the lives and experiences of women. Projects will focus on researching women in both historical and contemporary contexts. We will explore women in a variety of disciplines, time periods, and parts of the world. Students will learn and utilize different research methods, resources, and tools. Students will present their projects in a variety of ways, including writing, class presentations, creating and curating a display at Cowles Library, and publishing online.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Information Literacy

### LIBR 130 - STUDENT EQUITY PARTNER SEMINAR

This project-based learning course will help those involved in the Student Equity Action Partners program explore issues of equity and inclusion on campus through a social justice lens. Students will navigate scholarly research to integrate articles related to equity and inclusion and guide discussions or reflections each week. Using this information, students will implement a final project allowing them to mobilize their understanding of equity and how research and information can inform activism on campus. They also will work in teams to bring their final project to fruition. Students will envision their project, develop a strategic plan for implementation, execute the project and conduct a final assessment that allows for reflection and growth. Students also will engage in the work of a student equity action partner through the semester by planning the final project, conducting research and course preparations, and engaging in development work on campus.

1.000 OR 2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### LIBR 174 - CONGRESS UP CLOSE

Congressional staff members are instrumental, dedicated, and sometimes unseen employees of the United States Congress. There are many different facets of a Congressional office that one will learn by serving in a member's Washington, D.C. office and a district or state office. This course is designed to give an in-depth view of the intricate workings of a congressional office from the thought process to legislative procedures to outreach in the home district. This class will put political theory into real-world practice. This course will integrate hands-on assignments involving the collections of the Drake University Archives and Special Collections and will help to establish a basic understanding of the University Archives. The course will culminate in a trip to Washington, D.C. and the Edward M. Kennedy Institute for the Senate where students will experience the day in the life of various congressional staffers, attend meetings on Capitol Hill, and participate in a Senate Immersion Model.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Engaged Citizen, Information Literacy

### LIBR 190 - LIBRARY SCIENCE IND STUDY

3.000 Credit hours  
3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Independent Study, Web Instructed

### LLAB 031 - NATURAL HIST WORKSHOPS

1 or 2 week-long non-technical introductions to a specific aspect of the natural history of the Upper Midwest or the techniques for studying natural history. Suitable for anyone who is interested in learning more about the natural world. One to two credits can be obtained for each week a workshop is taken. Courses can also be taken on a non credit basis. Availability of topics (sections) varies from year to year. Students register for specific section by the name of the topic.

1.000 TO 2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

### LLAB 032 - Natural Hist: Field Arch

Natural History Workshops are introductory courses suitable for anyone who is interested in learning more about the natural world. One or two credits can be obtained for each week a workshop is taken. All sections of this course can also be taken on a non-credit basis for a fee of \$170 per week of class.

1.000 OR 2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

### LLAB 043 - GLACIAL GEOMORPHOLOGY

Field-based introduction to glacial environments and processes, including the origin of sediments, landforms and landscapes produced in glacial and associated environments. Aeolian (wind) processes, river and lacustrine systems, and mechanisms and chronologies of climate change also will be covered.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture/Lab Combo, Web Instructed

Biology Department

### LLAB 060 - ILLUSTRATING NATURE 1:SKETCHIG

Introductory instruction in the sketching of plants, animals and terrain. Emphasis on approaches to visual communication, development of personal style, and integration of typographic and visual elements on a page.



Examination of the basic principles associated with media and techniques used in general and scientific field sketching.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 061 - ILLUSTRATING NATURE II

photography to natural landscapes, flora and fauna. Basic to intermediate instruction in the application of Emphasis is on making artistic images in the field using three principles that contribute to the aesthetic appeal of Major topics include the basics of 35mm SLR an image - content, technique, and composition. cameras and lenses, film, exposure and tonality, filters, elements of design, perspective and placement, color, macrophotography, flash, image size, depth of field, and plant, animal and landscape photography. Students should have access to a 35mm SLR camera and at least one lens. No previous experience needed. Lectures, field trip, slide submissions. Offered spring semester of odd-numbered years.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 065 - INTRODUCTION TO GIS

Drake Equivalent: ENV 065 Introduction to geographic information technologies for natural resources application including GIS, remote sensing GPS, and cartography. Emphasis on theoretical concepts of these technologies as well as applications to real world problem solving. Technological expertise will be developed in ArcView GIS, ArcGIS, image analysis software, field collection software, and presentation software. The course will emphasize field collection of data requiring students to work individually and in groups.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 118 - ECOLOGY

Drake Equivalent: Bio 117 and Bio 118 An introduction to the principles of ecology at the population, community, and ecosystem level. Field studies of local lakes, wetlands, and prairies are used to examine factors controlling distributions, interactions, and roles of plants and animals in native ecosystems. An emphasis on field research, especially data collection and statistical analyses, that explain the relationships between organisms and their environment.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 119 - AMPHIBIANS AND REPTILES

4.000 Credit hours

4.000 Other hours

Levels: Undergraduate

Schedule Types: Off-campus catalog credit, Web Instructed

Biology Department

#### LLAB 141 - TECHNIQUES/BIO TEACHING

The development and implementation of laboratory exercises suitable for inclusion in elementary, middle school, high school, and community college biology and environmental courses. Exercises will be built around common organisms and ecosystems in Iowa. Prerequisites: Must be a veteran or a newly certified middle school, high school, or community college biology teacher.

1.000 TO 2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 160 - ARCHAEOLOGY

Nature of cultural and environmental evidence in archaeology and how they are used to model past human behavior and land use with discussion on Iowa prehistory and basic reconnaissance surveying and excavation techniques. Strong emphasis on the field methods used in archaeology to excavate and study Native American cultures. An on-site excavation forms the bulk of the course activity. Additional coursework includes maintenance of a daily journal, readings, evening lectures and videos, and field trips to area museums and National Monuments.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Off-campus catalog credit, Web Instructed

Biology Department

#### LLAB 161 - FRESHWATER ALGAE

Structure and taxonomy (genus-level identification) of freshwater algae based on field-collected material from lakes, fens, streams, and rivers. An ecological perspective is used to explore the diversity of photosynthetic microbes that form the energy base of freshwater ecosystems. Examination of environmental and economic concerns caused by excessive algal growth. Prerequisites: BIO 1 or BIO 11

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 162 - BIO of AQUATIC PLANTS

A field-oriented introduction to the taxonomy and ecology of aquatic plants in lakes, wetlands, and rivers. Emphasis will be on use of keys and herbarium vouchers to identify plants. Field trips to wetlands (marshes, fens, sedge meadows, forested wetlands) will occur throughout the course. Major topics include the structure and use of identification keys; geomorphology and wetlands types of Iowa; characteristics of wetland plants; hydric soils, hydrology and wetland delineation; invasive wetland species; and threatened/endangered wetland plants. Prerequisite: BIO 1 or BIO 11.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 163 - ECOLOGY & SYSTEMATICS/DIATOMS

Field and laboratory study of freshwater diatoms. Examination of techniques used in the collection, preparation, and identification of diatom samples. Emphasis on the study of environmental factors affecting diatom growth, distribution, and taxonomic characters. A self- designed and executed student project that results in the construction of reference and voucher collections, a database, and data analysis required. Prerequisite: BIO 1 or BIO 11.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 164 - PRAIRIE ECOLOGY

Examination of the ecological patterns and underlying physical and biotic causes of both regional and local distributions of plants and animals in North American prairies. Emphasis on fieldwork that investigates the species composition of various prairie communities in northwest Iowa. A six-day field trip to the Badlands and Wind Cave National Parks in South Dakota and the Sandhills of Nebraska is required. Prerequisite: BIO 118.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 168 - AQUATIC ECOLOGY

Analysis of aquatic ecosystems with emphasis on basic ecological principles and data collection to test ecological theories in the field. Examination of the physical, chemical and biological processes in lakes and wetlands. Some emphasis on identification of common aquatic plants and animals. Prerequisites: BIO 118 and CHEM 002.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 169 - ECOSYSTEMS of NORTH AMERICA

An extended field trip to observe and conduct ecological studies of a particular type of ecosystem (prairie, coastal wetland, forest, alpine, coral reefs, etc.) or the ecosystems of a specific region (Rocky Mountains, Gulf Coast, Appalachian Mountains, Deserts of the Southwest, Central America, etc.). Prior to departure there is an orientation period and upon returning from the field trip a review and synthesis period. A field trip fee is assessed to cover travel expenses. Prerequisite: BIO 118 and permission of the instructor.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 170 - INTRO INSECT ECOLOGY

Field and laboratory study of insects, their diversity, life history, ecology, and behavior. Introduction to the basic principles of insect interaction with the biotic and abiotic components of their environments. Examination of insect taxonomy and biology through field investigations and collection of insects in prairies, wetlands, and forests in northwest Iowa. Field activities and group projects will stress hypothesis development and experimental design. Prerequisite: BIO 1 or BIO 11.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 171 - PLANT ECOLOGY

Principles of plant population, community, and ecosystem ecology investigated through studies of native vegetation in local prairies, wetlands, and forests. Major topics include energy allocation, reproduction and pollination, resource partitioning and niches, life-history characteristics, age and size structured demography, clonal growth, intra- and inter-specific interactions, seed ecology and seed banks, succession and the environmental variables affecting the composition, and structure and productivity of native plant communities. Participation in field trips to the Loess Hills in western Iowa and to northeast Iowa's Paleozoic Plateau is required. Prerequisites: BIO 118, BIO 008 recommended.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 172 - WETLAND ECOLOGY

Examination of the ecology, classification, creation, function, restoration, and management of wetlands. Discussion of the legal and regulatory processes for protection of wetlands and restored prairie pothole wetlands. Participation in a field trip to the Platte River in central Nebraska is required. Prerequisite: BIO 118.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

#### LLAB 174 - BEHAVIORAL ECOLOGY

4.000 Credit hours  
4.000 Other hours

Levels: Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

Division Undeclared Division  
Biology Department

LLAB 196 - Internship

1.000 TO 5.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

LLAB 197 - Undergraduate Research

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

LLAB 198 - Independent Study

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Off-campus catalog credit, Web Instructed

LLAB 296 - Graduate Internship

1.000 TO 5.000 Credit hours

Levels: Graduate  
Schedule Types: Off-campus catalog credit, Web Instructed

LLAB 297 - Graduate Research

1.000 TO 4.000 Credit hours

Levels: Graduate  
Schedule Types: Off-campus catalog credit, Web Instructed

LLAB 298 - Graduate Independent Study

1.000 TO 4.000 Credit hours

Levels: Graduate

Schedule Types: Off-campus catalog credit, Web Instructed

### LPS 001 - INTRO LAW, POLITICS, & SOCIETY

Introduction to the systems, practices, and intersections of law, politics, and society, as well as the various scholarly approaches to the study of those systems, practices, and interactions.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

### LPS 002 - CRITICAL CONCEPTS IN LPS

In this course, students will be introduced to the critical concepts underpinning the study of Law, Politics, and Society. Students will engage in learning about concepts such as ideology, justice and injustice, jurisprudence, globalization, inequality and equality, community, authority, legitimacy, and individualism. Students will also engage in the study of concepts key to understanding the workings of the major; they will learn about intentional interdisciplinarity, critical analysis, the perceived "law/politics divide," comparative and historical research, and the idea of paradigmatic transition.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

### LPS 031 - LAW & THE BORDERS OF BELONGING

Who is fully American? What happens to people who are not fully American? Often, law has provided the vocabulary for asking these questions, and defined the consequences for the answers. This course focuses on times and places when law has sometimes been a force for injustice in American history. We will pay particular attention to discrimination against people due to their gender, disability status, sexuality, and race. We will also discuss the ways law is both informed by and helps create social identities within American culture more broadly.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

Course Attributes:

Values and Ethics

### LPS 035 - SPECIAL TOPICS LPS LOWER DIV

Units of study focusing on introduction to special topics, debates, and issues within the field of Law, Politics, and Society.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

### LPS 038 - LAW AND ORDER

The production of order is one of the primary functions attributed to law. Today, criminal law and the institutions of criminal justice are accorded a privileged place in the performance of law's ordering function. This course provides an introduction to the contexts in which crime, criminal law, and criminal justice operate. The focus will be on the United States, but attention will likewise be given to contemporary efforts to extend the criminal justice paradigm into the international context. Proceeding in this way, this course will examine the strengths and limitations of the conventional criminal justice paradigm and develop a broader appreciation of the role played by crime and criminal justice in law's performance of its ordering function.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

### LPS 040 - PUBLIC TRIALS

This introductory course examines widely reported and sensational trials as public performances of law. The course considers such trials as a significant form of public discourse by studying controversies surrounding the reporting and representation of trials, issues that arise in and through popular trials, as well as the dynamics of the trials themselves. In a broad sense, the course is about the meanings of law in American society and about the definitions of American society revealed in legal disputes.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

### LPS 100 - LPS PERSPECTIVES CONST LAW

This course uses case law as a jumping off point for the application of interdisciplinary knowledge. In it, students examine particular strands of United States constitutional law, using historical, journalistic, political science, sociological, and other disciplinary modes to understand the development of doctrine over time, and the impact of law on public life. Required for majors.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

Course Attributes:  
Engaged Citizen

### LPS 111 - CRIME & FILM

Why do people commit crime? This is one of the most fundamental questions facing any society and its justice system. In this course, we use film to survey the various explanations of crime put forward by scholars. At the same time, we will examine how film provides its own explanations of crime, shaping public attitudes in the process. This dual focus will allow us to think reflexively about how our consumption of media shapes our thinking about crime and, in turn, our thoughts on law, justice, and related matters.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

### LPS 113 - LAW AND SOCIAL CHANGE

This course examines the role of law in helping to create (or block) social change, the use of legal mobilization by social movement activists, and the profession of "cause lawyering." Our focus will be on the development of legal mobilization efforts in the United States, with the potential for a comparative examination of cause lawyering and legal mobilization across the globe.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

### LPS 131 - WHO BOSSES WHOM AND HOW?

Employers and the need for employment are significant factors that shape the lives of a great many people. This power in people's lives is in many respects private, rather than public. This class will investigate the role of law in regulating and maintaining the authority of employers and the need for employment. More broadly, we will treat the focus on employment as a case study through which to address larger questions about the relationship between law, social class, and private centers of authority.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department



Course Attributes:  
Critical Thinking

### LPS 133 - DRUGS, LAW, AND SOCIETY

This course examines the social, legal, and political dimensions of drugs, drug use, and drug regulation, focusing on the United States in a global and comparative perspective. A full range of drugs, both legal and illegal, will be discussed. Topics include: the historical development of drug policy in the United States, including the War on Drugs; the production, distribution, and consumption of different types of drugs; drug addiction; therapeutics and recovery; the cultural construction of drugs and drug user identities; attempts to regulate drugs and drug users and their place in the context of state-making; the impact of drug regulations on the legal system, particularly criminal justice; and alternatives to contemporary drug policy and politics.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

### LPS 135 - SPECIAL TOPICS IN LPS

Units of study focusing on special topics, debates, and issues within the field of Law, Politics, and Society.  
Prereq.: LPS 001 or permission of instructor.

0.000 TO 3.000 Credit hours

Levels: Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Law, Politics & Society Department

### LPS 137 - AMERICAN INDIAN LAW & POLITICS

This course examines contemporary issues in American Indian law and politics, among them: casino ownership, environmental stewardship, electoral politics, cultural protection and revitalization, tribal courts, and territorial sovereignty. In all of these cases, there are debates about the proper role for tribal people, tribal governments, federal and state entities, and the non-Indian public. In this course, we will focus on several arenas: tribal cultural spaces, tribal public representations, courtrooms and Congress, academia, and the media. We will attempt to understand the competing worldviews of those engaged in these dialogues about tribal sovereignty and survival, and the very real economic and political interests at stake in these debates. In some of these cases, the debate hasn't moved forward, and the issues lack acceptable resolution; in other cases, productive dialogue has created truly innovative solutions to seemingly intractable problems of poverty, powerlessness, and racism.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

Course Attributes:  
Global and Cultural Understand

### LPS 138 - REPRODUCTIVE LAW & POL IN U.S.

This course will introduce students to the case law, national politics, and grassroots movements surrounding a number of issues within "reproductive politics" in the United States. It focuses on the nature of the debate, and asks if there are issues around which people may find agreement, particular voices that have not been heard, and policies that have not been explored.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Engaged Citizen, Cat 2 - LPS - Contemp Issues

### LPS 155 - CLASS, RACE, GENDER AND LAW

Critical, Critical Race, and Feminist Legal Theories represent new (from the 1970s until the contemporary period) ways of thinking about and understanding the role of law in our lives. This course will introduce students to the foundational work in these realms as well as newer extensions of the theory via critical disability, queer, and intersectional analyses.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Law, Politics & Society Department

### LPS 190 - SENIOR SEMINAR

The senior seminar in Law, Politics, and Society is the required capstone course for those graduated with the major. Restricted to seniors and majors.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Law, Politics & Society Department

### LPS 199 - DIRECTED RES & READING IN LPS

This course enables students to engage in directed reading and research in the field of Law, Politics, and Society. Supervised by faculty in the major.

1.000 TO 3.000 Credit hours

Levels: Undergraduate

Schedule Types: Independent Study, Web Instructed

Law, Politics & Society Department

LR 157 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework

Schedule Types: Web Instructed

LR 158 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework

Schedule Types: Web Instructed

LR 204 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework

Schedule Types: Web Instructed

LR 205 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework

Schedule Types: Web Instructed

LR 206 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework

Schedule Types: Web Instructed

LR 207 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework

Schedule Types: Web Instructed

LR 208 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Web Instructed

LR 209 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Web Instructed

LR 242 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

LR 244 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Web Instructed

LR 250 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Web Instructed

LR 251 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Web Instructed

LR 252 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Web Instructed

LR 253 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework

Schedule Types: Web Instructed

LR 254 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework

Schedule Types: Web Instructed

LR 255 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework

Schedule Types: Web Instructed

LR 257 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework

Schedule Types: Web Instructed

LR 258 - TRACK COACHING

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

LR 259 - LICENSE RENEWAL

1.000 TO 6.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

LR 269 - COMPUTER SCI IN ELEM CLASSRM

2.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

#### LR 281 - LICENSE RENEWAL COURSE

1.000 TO 6.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Web Instructed

#### LR 282 - LICENSE RENEWAL COURSE

1.000 TO 6.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

#### LR 298 - IA EDUCATOR LIC RENEWAL

1.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

#### LR 299 - LICENSE RENEWAL COURSE

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Web Instructed

#### MAC 201 - COMM LEADERSHIP STRATEGIES

This course helps you develop and implement your own leadership models. Throughout the MAC program, we will take an applied approach to building communication leadership skills that will help solve the problems of the present and an increasingly complex future. Leadership in the mass communication professions requires an understanding and application of the traits and skills of leaders and effective communicators. Leaders in the mass communication professions have a direct impact upon the strategies and effectiveness of leaders in every area. This course revisits the distinction between management and leadership and analyzes the need for and role of leaders in society, specifically in the communication professions. Participants will enhance their knowledge in the areas of developing and maintaining trust and credibility, sharing leadership, expanding depth and breadth of perspective, and strategic planning. We will survey and build upon the rapidly growing body of knowledge regarding effective leadership.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 202 - SOCIAL RESPONSIBILITY IN COMM

In this course, you will explore the ethics, policies, and responsibilities associated with communication, including the philosophical and legal aspects. You will examine yourself, your organization, and your industry, all with a focus on the role of communications in leadership and social responsibility.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 203 - APPLIED COMM THEORY & RESEARCH

This course will help students apply communications theory and research to leadership problems. Communication theory is based on research and, in turn, leads to more research. This process helps develop informed strategy, monitor communication programs, and evaluate overall communication effectiveness.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 204 - INNOVATION/CHANGE IN COMM

In today's world, change is constant; innovation is essential for effectively leading change. The successful communications leader helps move an organization and its mission forward, but resists change for the sake of change. In this course, we take an applied approach to building innovation competencies that will help solve problems of the present and of an increasingly complex future. By analyzing the methods others use to address challenges and drive change, you will better understand the important role of innovation in communications leadership. You will also understand the skills and steps necessary to effectively lead change within your organization and industry, as well as your community.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 205 - FIN LITERACY FOR COMM LEADERS

This course explores the role of financial management in communication leadership, focusing on core skills and practical application. You will analyze and interpret financial reports and statements, examine and discuss impacts on budgeting and forecasting, and develop meaningful messages about financial metrics to help inform employees, executives and the public.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 206 - DIGITAL MEDIA STRATEGIES

In this course, students will analyze and evaluate social media and web/mobile strategies and analytics.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 207 - ADVANCED WRITING & MSG DESIGN

In this course, students will learn the strengths and weaknesses of their writing; build their strengths and reduce their weaknesses through writing workshops; determine their unique message; research the best medium for that message; and develop unique market-appropriate content presented in a professional package that effectively communicates a meaningful message.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 208 - PUBLIC AFFAIRS AND ADVOCACY

This course examines the key skills required for work in government relations or public affairs in corporate and nonprofit settings, at the local, state, and national levels. This includes: the fundamentals of the



lobbyist/client/legislator relationship and how professionals can effectively communicate with the many audiences involved in the process; the development and implementation of effective advocacy strategies and campaigns in the public policy arena; and ways to affect regulatory/policy changes on behalf of organizations.  
3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 209 - PERSUASIVE SPEECHWRITING STRAT

This course will provide an overview of the strategy and practice of professional speechwriting. Through evaluation and practice, students will learn to apply sound communication strategy to speeches written to be delivered by the writer or by a third party. Students will analyze examples of textual speeches and delivered prepared remarks to evaluate effectiveness, and then will apply this learning to writing speeches within the context of students' employers/work or interests.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 210 - VISUAL COMMUNICATION

This six-week class will provide students with an understanding of the principles of design as they apply to both print and digital delivery. Through individual work, discussion groups and one collaborative project, students will evaluate how a company or organization (ideally their own) applies the principles of design to existing materials to accomplish communication. The technological tools used to create such materials will be explored and, finally, students will propose and create a project to fill a communication need.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 211 - NAVIGATING LEGISLATIVE PROCESS

This course will provide students with an understanding of the legislative process – particularly the U.S. Congress – with emphases on the organization and structure that facilitate policymaking. We will examine the role legislatures play in society, and the electoral and government structures that support this important branch

of government. This course focuses on practical application of a robust understanding of the legislative process for use in advocacy and governing.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:

Drake Online Grad/Prof Program

### MAC 212 - COMM, CULTURE & LEADERSHIP

We'll begin by summarizing historical foundations of the study Intercultural Communication, and then cover introductory material on the major theoretical perspectives and methods commonly used in inquiry about culture and communication. You'll have the opportunity to develop and/or expand your ability to analyze the role of culture(s) and communicative texts by completing several course activities. These will also allow you to apply diverse theoretical perspectives and methodological approaches to selected research problems. You'll leave the course having been exposed to a range of ways to understand and study culture(s) and communication. The course will be taught as an online seminar and our discussions and assignments will focus on building a glossary of important concepts, surveying, critiquing, and recommending how to strengthen existing research, and applying research to relevant concepts.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:

Drake Online Grad/Prof Program

### MAC 217 - MA COMMUNICATION CAPSTONE

In this final course of the Master of Arts in Communication program, students will apply material from throughout the MAC program to a specific communications leadership, brand management, public policy or science and health-related problem through a comprehensive, in-depth, professional quality project that demonstrates leadership, including a publication launch, communications agency, response plan, department strategy redevelopment, or branch repositioning.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:

Drake Online Grad/Prof Program

### MAC 218 - MA COMMUNICATION CAPSTONE

In this final course of the Master of Arts in Communication program, students will apply material from throughout the MAC program to a specific communications leadership, brand management, public policy or science and health-related problem through a comprehensive, in-depth, professional quality project that demonstrates leadership, including a publication launch, communications agency, response plan, department strategy redevelopment, or branch repositioning.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:

Drake Online Grad/Prof Program

### MAC 220 - DGTL STRYTLLNG SPECIAL TOPICS

These courses are Digital Storytelling Electives offered on a temporary basis or before being added permanently to the curriculum.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:

Drake Online Grad/Prof Program

### MAC 221 - DIGITAL STORYTELLING

This class will introduce students to the concepts of storytelling and digital storytelling. Students will both evaluate and create projects using digital storytelling tools.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:

Drake Online Grad/Prof Program

### MAC 222 - EMERGING MEDIA

This workshop examines the challenges associated with emerging technologies, balancing the idealism of long-term strategy with the reality of day-to-day operations. You will think about how you can introduce emerging technologies in your business organization. And you'll create two plans to do just that - one as part of a team

and one on your own. You will also share and examine insights about tackling roadblocks to technological innovation and implementation.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 223 - MULTIMEDIA COMMUNICATION

Students in this workshop will learn how to tell stories using multimedia (photos and videos). They will evaluate how a company (ideally their own) uses multimedia, and they will create a plan for how that company should use multimedia in the future. Finally, students will get hands-on and create a video using tools they already own.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 224 - CONTENT MKTG/DIGITAL LANDSCAPE

This online class will teach students current best practices for creating content for digital delivery. Students will be able to use best practices for creating content on social media, websites, and blogs. They will create both sample and real content for those mediums.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 230 - POLICY SPECIAL TOPICS

These courses are Policy Electives offered on a temporary basis or before begin added permanently to the curriculum.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 231 - POLICIES ON AGING IN THE US

This course explores the ways in which policies related to aging - retirement security, long-term care, health-care, housing, and community support - have evolved, and examines the direction of these policies going forward. We will review the policy process, and discuss the different roles played by elected officials, lobbyists, the general public, private industry, and government. The course will also focus on advocacy, including how aging policy issues are framed, different perspectives on controversial issues, and potential for collaboration. This course is not an elder law course - while we will review regulation and some court decisions, the focus will remain on policy and advocacy.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 232 - U.S. EDUCATION POLICY

This course explores the ways in which policies related to education in the United States have evolved, and examines the direction of these policies going forward. There will be particular emphasis on K-12 public education policy. We will review the policy process, and discuss the different roles played by elected officials, lobbyists, the general public, private industry, and government. The course will also focus on advocacy, including how educational policy issues are framed, different perspectives on controversial issues, and potential for collaboration. This course is not an education law course - while we will review regulation and some court decisions, the focus will remain on policy and advocacy.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

### MAC 233 - ENVIRONMENTAL POLICY

This course explores the ways in which policies related to the environment - natural resources, energy, climate, conservation, and regulation - have evolved, and examines the direction of these policies going forward. We will review the policy process, and discuss the different roles played by elected officials, lobbyists, the general public, private industry, and government. The course will also focus on advocacy, including how environmental issues are framed, different perspectives on controversial issues, and potential for collaboration. We'll examine the concept and application of environmental justice, and discuss its policy implications. This course is not an environmental law course - while we will review regulation and some court decisions, the focus will remain on policy and advocacy. This course is also not about taking sides or "solving" the political controversy surrounding issues related to the environment. Rather, we will discuss, debate, explore, and try to synthesize issues in ways that can affect policy change - whatever change that may be.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

#### MAC 234 - U.S. LABOR POLICY

This course explores the ways in which policies related to working and labor in the United States have evolved, and examines the direction of these policies going forward. We will review the policy process, and discuss the different roles played by elected officials, lobbyists, the general public, private industry, and government. The course will also focus on advocacy, including how labor policy issues are framed, different perspectives on controversial issues, and potential for collaboration. This course is not a labor law course - while we will review regulation and some court decisions, the focus will remain on policy and advocacy.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

#### MAC 240 - BUSINESS SPECIAL TOPICS

These courses are Business Electives offered on a temporary basis or before being added permanently to the curriculum.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

#### MAC 250 - HEALTH & SCIENCE SPECIAL TOPIC

These courses are Health & Sciences Electives offered on a temporary basis or before being added permanently to the curriculum.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

#### MAC 260 - MAC INDEPENDENT STUDY

1.000 TO 3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

#### MAC 290 - INTERNSHIP

1.000 TO 3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Journalism & MC Department

Course Attributes:  
Drake Online Grad/Prof Program

#### MATH 0-- - MATH-LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Mathematics & CS Department

#### MATH 017 - SPIRIT OF MATHEMATICS

The nature of the topics will vary but will expose students to a wide variety of mathematics. Topics from advanced mathematics will be included but will be presented at a level appropriate to college students who do not have an extensive mathematical background. Topics will be chosen from a wide array of applications, such as financial mathematics, fractals, chaos, environmental mathematics, conceptions of space, the nature of infinity, encryption techniques and topics from the history of mathematics. Among the mathematical techniques that may be used: functions and equations (exponential, linear and quadratic); difference equations; equation solving techniques (algebraic and technological); problem solving and mathematical reasoning techniques; basic probability and statistics; graphical analysis; geometrical analysis; the concept of infinity. This course is not intended for STEM or business majors, or for students with previous credit in a college math course. Students who have taken previous college math must get the approval of the instructor. This course does not satisfy the prerequisites of any math courses.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Int Study Humanities/Sciences, Quantitative

#### MATH 020 - PRECALCULUS: ALGEBRA & TRIG

Study of linear, exponential, power, logarithmic, and polynomial functions from an algebraic, graphical and numerical point of view; fitting functions to data; review of trigonometry; solutions to equations and systems of equations. Prereq.: Completion of high school mathematics through Algebra II/Trigonometry.

0.000 TO 4.000 Credit hours  
4.000 Lecture hours  
0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Independent Study, Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Quantitative

#### MATH 024 - STRUCTURE OF MATH FOR ELED I

Basic concepts and structure of whole numbers, integers, rational numbers, decimals, and real numbers and operations on these numbers as they relate to the K-6 curriculum. Also proportional reasoning, algebraic reasoning, and statistics appropriate to the elementary school curriculum are discussed. Restricted to elementary education majors or middle school endorsement. Prerequisite: Completion of high school mathematics through Algebra II/Geometry.

3.000 Credit hours

Levels: Non Degree Coursework, Undergraduate



Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Quantitative

#### MATH 025 - STRUCTURE OF MATH FOR ELED II

Basic concepts and structure of number theory, geometry, problem solving and measurement as they relate to the K-6 curriculum. Restricted to elementary education majors, or middle school endorsement. Prereq.: Completion of high school mathematics through Algebra II/Geometry.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Critical Thinking

#### MATH 028 - BUSINESS CALCULUS

Brief algebra review, data analysis, limits, derivatives, integration, applications to business. Prereq.: MATH 20 or equivalent.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Quantitative

#### MATH 050 - CALCULUS I

Very brief review of algebra, logarithms, and trigonometry; functions; introduction to continuity, limits, differentiation, and integrals, with applications. Prereq.: MATH 020 or equivalent pre-calculus course.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Quantitative

### MATH 054 - DISCRETE MATHEMATICS

Number systems, algorithms, set theory, logic, Boolean algebra, functions, combinatorics, probability, graph theory. Prereq.: MATH 20 or equivalent.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Quantitative

### MATH 061 - GEOMETRY FOR 6-12 TEACHERS

This course is designed to develop students' mathematical knowledge for teaching geometry. Students will deepen their understanding of topics in Euclidean Geometry, including the Triangle Inequality, points of concurrency in a triangle, special properties of quadrilaterals, geometric transformations, similarity, symmetry and tessellations, the Pythagorean Theorem, area and perimeter, and volume and surface area. Students will learn to use dynamic geometry software (DGS) in their exploration of these topics, and will learn to develop and critique geometric proofs. A strong emphasis will be placed on considering the pedagogical implications for teaching these topics, and how to use DGS to enhance students' learning.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### MATH 062 - STAT & PROB FOR 6-12 TEACHERS

This course is designed to equip students, who are preparing to teach middle or high school mathematics, with the knowledge needed to effectively and confidently teach probability and statistics topics in alignment with national standards and learning goals. To achieve this, the course is designed to increase both students' content and pedagogical knowledge of statistics and probability. The structure of the course is based upon in-class activities, discussions, exams, and projects with significant preparation required outside of class.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### MATH 063 - ALGEBRA/MODELING FOR 6-12

The subject matter of the course, algebra and mathematical modeling, will be grounded in experiences that arise in the context of teaching in order to simultaneously build content and pedagogical knowledge with a focus on the use of real-world situations and technology tools. The choice of activities will span the content

required by the Common Core Standards of Mathematics for middle and high school with connections to more advanced content. Students will develop essential understandings, learn how to use manipulatives and technology, explore and analyze curricular resources, build an awareness of learning progressions, discuss common student challenges and effective ways to address them, and create tasks and lessons that are engaging to students through use of real-world applications and explorations. Restricted to education majors.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### MATH 070 - CALCULUS II

Advanced applications of differentiation; advanced techniques and applications of integration; simple examples of differential equations. Prereq.: Math 50.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Quantitative

### MATH 080 - LINEAR ALGEBRA

Systems of linear equations; vectors, linear independence, linear transformations; matrix operations, inverse of a matrix, determinants; null and column space of a matrix, rank; general vector spaces, basis of a vector space, dimension; eigenvalues and eigenvectors, diagonalization, orthogonality; applications. Prereq.: MATH 50.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Quantitative

### MATH 099 - INDEPENDENT STUDY

Directed individual study in areas related to the student's needs or interest. Prereq.: Consent of department.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Mathematics & CS Department

### MATH 1-- - MATH-UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Mathematics & CS Department

### MATH 100 - CALCULUS III

Infinite series and sequences, power series, and Taylor series. Plane curves; introduction to limits, continuity, differentiation, and integration for functions of several variables. Prereq.: Math 70  
3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Quantitative

### MATH 101 - MATH REASONING

Logic; sets and mappings; methods of proof including direct and indirect proofs, induction and Delta-Epsilon arguments; axiomatic systems. Prereq.: Math 70, 80. Note: This course is a prereq. for MATH 150, 153, 155, 157, 176, 184, and 187.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

Course Attributes:  
Critical Thinking

### MATH 110 - MULTIVARIATE CALCULUS

Vectors in n-space; calculus of functions from n-space to m-space. Prereq.: MATH 80, 100. Stokes' theorem. Prereq.: MATH 80, 100.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### MATH 120 - APPLIED DIFF EQUATIONS I

Ordinary differential equations; systems of differential equations. Fourier series, integrals and harmonic analysis, partial differential equations, orthogonal functions. Bessel functions. Legendre functions. Prereq.: Math 080 and Math 100.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### MATH 121 - APPLIED DIFF EQUATIONS II

Continuance of MATH 120. Prereq.: MATH 080, MATH 100, and MATH 120.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### MATH 125 - MATH MODELING

The construction, analysis and interpretation of mathematical models. Examples are drawn from a variety of areas. Student projects are required. Prereq.: MATH 70, 80.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### MATH 127 - INTRODUCTION TO GAME THEORY

Game theory is the logical analysis of situations of conflict and cooperation. Topics will include zero-sum games and non-zero-sum two-person games, n person games, applications to economics, politics and nature. Pre-requisite: Math 28 or Math 50 or consent of instructor.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### MATH 130 - PROBABILITY FOR ANALYTICS

An introduction to the concepts of probability that form the foundation for analytics practice. Descriptive statistics, data visualization, univariate discrete and continuous probability distributions, confidence intervals and one-sample hypothesis testing. Applies R and SAS skills.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### MATH 131 - INTRO PROBABILITY I

An introduction to probability concepts, including definition of probability; independence; conditional probability; random variables; specific discrete and continuous probability distributions; multivariate random variables; moments and moment generating functions; functions of random variables; sampling distributions; and central limit theorem. Prereq.: MATH 100. Crosslisted with ACTS 131.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### MATH 131L - PROBABILITY I LAB

0.500 Credit hours

0.500 Lab hours

Levels: Undergraduate  
Schedule Types: Lab, Web Instructed

Division Undeclared Division  
Mathematics & CS Department

### MATH 139 - THEORY OF COMPUTATION

Theoretical foundations of computing. Introduction to formal grammars, languages and automata theory. Mathematical analysis of the fundamental power and limitations of computing devices. Applications to pattern matching, problem specification, programming languages and compilers. Prereqs: CS 065 and either MATH 054 or MATH/CS 150.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### MATH 140 - COOPERATIVE EDUC

Students who are in a work environment related to the major field of study may receive credit for applications of classroom knowledge to their job. The student meets regularly with the adviser to determine appropriate assignments. May be repeated up to a maximum of eight hours of credit. (Graded on a credit/no credit basis).

Prereq.: At least junior standing or consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

#### MATH 144 - TOPICS IN MATH EDUCATION

Topics for elementary and secondary mathematics pre-service teachers include introduction to new and established curricular materials and development of classroom materials in the context of the National Council of Teachers of Mathematics "Principles and Standards for School Mathematics."

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

#### MATH 145 - METHODS OF TEACH SEC MATH

Instructional strategies and material for teaching secondary school mathematics. Restricted to mathematics education majors. Prereq.: Consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

#### MATH 150 - DISCRETE STRUCTURES

The course covers subjects in discrete mathematics with applications to computer science. Topics include algorithms, graph theory and combinatorics. Prereq.: CS 65 and MATH 101. Crosslisted with CS 150.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### MATH 153 - MODERN GEOMETRY

A rigorous approach to Euclidean and non-Euclidean geometries from a general, axiomatic point of view.

Prereq.: MATH 101

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### MATH 155 - ABSTRACT ALGEBRA I

Introduction to groups, rings, integral domains and fields; homomorphisms and isomorphisms; properties of the integers; polynomial rings and factorization; field extensions. Prereq.: MATH 101.

3.000 TO 4.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### MATH 156 - ABSTRACT ALGEBRA II

Continuance of MATH 155. Prereq.: MATH 155.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### MATH 157 - HISTORY OF MATH

An overview of the evolution of mathematics from ancient times through Newton and Leibniz. The conceptual development of mathematics will be emphasized. Prereq.: MATH 101

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Mathematics & CS Department



Course Attributes:

Historical Foundations, Historical Consciousness

MATH 165 - INTRO TO NUM ANALYS

Error analysis, iterative methods for solving nonlinear equations, direct and iterative methods for solving linear systems, approximation of functions, derivatives, integrals. Prereq.: CS 65, MATH 80 and 100. Crosslisted with CS 165.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

MATH 176 - ADV LINEAR ALGEBRA

Hermitian, unitary, normal, positive definite and nonnegative matrices; LU, QR and Choleski factorizations; equivalence, similarity, congruence and their respective canonical forms; norms; Schur triangular form, Jordan canonical form; applications. Prereq.: MATH 101.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

MATH 184 - INTRO REAL ANAL I

Algebraic and topological properties of the real line. Limits, continuity, differentiation. Riemann integration, series. Prereq.: MATH 100, 101

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

MATH 187 - COMPLEX ANALYSIS

Algebraic and topological properties of the complex plane. Theory of analytic functions. Application. Prereq.: MATH 100, 101.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Mathematics & CS Department

### MATH 191 - MATHEMATICS CAPSTONE

The purpose of a capstone is for students to undertake an independent project that applies and synthesizes what they have learned in their major. This course is typically taken in one of the student's final two semesters at Drake. One outcome will be a written project that can take several forms, for example a research paper or a software package. A second outcome is a presentation of their work to the students and faculty of the department, usually during the last two weeks of the semester.

1.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### MATH 192 - MATH SECONDARY ED CAPSTONE

The purpose of a capstone is for students to undertake an independent project that applies and synthesizes what they have learned in their major. This course should be taken prior to student teaching and may be taken in the second semester of the junior year. One outcome will be a written project that can take several forms, for example a research paper, an educational software package, or lesson plans. A second outcome is a presentation of their work to the students and faculty of the department, usually during the last two weeks of the semester.

1.000 Credit hours

1.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Mathematics & CS Department

### MATH 195 - TOPICS IN MATH

Seminars in selected topics.

0.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Mathematics & CS Department

### MATH 199 - INDEPENDENT STUDY

Directed individual study in areas related to the student's needs or interest. Prereq.: Consent of department.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Mathematics & CS Department

MATH 230 - INDEPENDENT STUDY

1.000 TO 3.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

Mathematics & CS Department

MBA 2-- - BN ADVISER APPR EL

1.000 TO 10.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture

Business Admin Department

MBA 200 - WHO IS U.S.

An interactive guide to globalization and cross-cultural communication. This course is designed to increase student's awareness of the role personal and cultural differences play in forming collaborative relationships and developing a sustainable culture of inclusivity which adds value to the organization.

1.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Business Admin Department

MBA 240 - CORPORATE GOVERNANCE & ETHICS

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

MBA 242 - FINANCIAL REPORTING & ANALYSIS

This course provides students with a conceptual foundation that demonstrates how financial statements reflect the strategic decisions made across business disciplines. Students develop the ability to interpret financial statements and understand the information they contain concerning sustainability of the organization's operations. Prereq: MBA 240 and MBA 245 recommended. Graduate standing and consent of Assistant Dean,

Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

#### MBA 245 - LEADING WITH DATA

This course will focus on the role of data in today's fast-paced, competitive, data-rich, global business environment. Emphasis is on developing the habits of mind necessary for data-driven leadership. You will learn to seek data, to understand variation and the pitfalls of sampling, to question assumptions and to think critically about reports and data displays. You will be exposed to the terminology necessary to communicate with analysts. You will develop data-driven management skills such as formulating value-adding questions, directing the collection and selection of data, working with analysts, working with management dashboards, operationalizing the insights from data, and telling stories with data.

3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

Business Admin Department

#### MBA 250 - CORP GOVERN FOR SUSTAIN DEV

The class presents an in-depth examination of the issues related to corporate governance in an ethical society. General theories of governance provide a foundation for an examination of the role governance decisions play in promoting the long-run sustainability of the community in which the firm operates. Global comparative analysis will help identify best practices in internal and external governance mechanisms. Prereq.: MBA 240 and MBA 242, graduate standing and consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### MBA 251 - CREATING CUST VAL THROUGH MKTG

This course will examine how managers may build competitive advantages by creating value for customers. It reviews methods for determining customer value perceptions, introduces applications that may be used to predict changes in customer value and helps students use customer value data to orient strategic decisions for the firm. Ethical issues related to marketing practices will be addressed throughout the course. Prereq: MBA 240 required. MBA 242 and MBA 245 recommended. Graduate standing and consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

### MBA 253 - CORPORATE FINANCE

This course introduces students to the techniques used in the financial management of the firm to achieve the goal of enhancing firm value through firm value maximization. As students develop the ability to utilize the tools of financial management they will engage in an additional discussion of the relationship between firm value maximization and the long-run sustainability of both the firm and the community in which it operates. Prereq: MBA 242 and MBA 245 required. MBA 240 recommended. Graduate standing and consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

### MBA 254 - LEADERSHIP & HUMAN CAP. DEV.

Applied human resources management designed to improve leadership skills. Prereq: MBA 240 recommended. Graduate standing and consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

### MBA 255 - DATA ANALYSIS FOR OPERATIONS

A study of major topics in improving operations in the service industries with an emphasis on the statistical methods used to support analysis and decision-making. Operations subjects include work measurement, quality, capacity and waiting, and inventory. Statistical methods include probability, distributions, decision trees, regression, sampling and estimation, and hypothesis testing. Prereq.: MBA 240 and MBA 242, graduate standing and consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

### MBA 256 - INFO TECH & BUSINESS

A survey of the unique characteristics and applications of information systems and technology and its impact on individuals, organizations, and society. Class discussion will focus on how information technologies function and how they may be successfully utilized by business firms and other organizations. Particular attention is given to the impact of IT on organizational strategy. Prereqs.: MBA 240 and MBA 245 recommended. Graduate standing and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

### **MBA 257 - PROJECT MANAGEMENT**

Using the Project Management Institute's Body of Knowledge (PMBOK) as a reference point, this course will guide the student through the project management life cycle as well as the management discipline's needed to make projects successful. Roles and responsibilities, best practices, guest speakers, and case studies will all be leveraged to enhance the learning experience. This course will culminate in a project connected to a community organization. Prereqs.: MBA 240 and MBA 245 recommended. Graduate standing and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

### **MBA 260 - STRATEGIC BUSINESS PROCESSES**

This is a comprehensive course in business strategy that serves as a capstone course for the MBA program. It uses the organizational processes of external and internal environmental analysis for the formulation of business strategy. Prereq.: MBA 240, MBA 242, MBA 245, MBA 251, MBA 253, MBA 254, MBA 256, MBA 257 or concurrent enrollment in the last of these courses, graduate standing and consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

### **MCL 201 - COMM LEADERSHIP STRATEGIES**

Analyzes the distinction between management and leadership; defines the role of leaders in society, particularly in communication; and explains and expands communication leadership models. Offered fall semester.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Journalism & MC Department

### **MCL 202 - COMMUNICATIONS SOCIAL RESP**

The ethics and policy of information management, including the legal and philosophic aspects of the information Age. Pre-req MCL 201. Offered spring semester.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Journalism & MC Department

### MCL 203 - APPLIED COMM THEORY & RESEARCH

What research tells us about how to communicate effectively to employees, employers, and publics outside of the organization; how to use research to gain insight into the organization; and practical data analysis. Pre-reqs: MCL 201, 202, 205. Offered fall semester.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Journalism & MC Department

### MCL 204 - INNOVATION/CHANGE IN CONT COMM

This case-studies course focuses on two sources of discussion: visits from local communications professionals who share their problem-solving tactics; and readings on national communications leadership issues. The final project will be the development of a comprehensive report on successful communication tactics, using case studies from visitors and readings. Pre-reqs: MC 201, 202, 203. Offered spring semester.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Journalism & MC Department

### MCL 205 - FIN LITERACY FOR COMM LEADERS

How to prepare, implement, and maintain a budget; understanding cost controls and income generation; modifying financial needs based on economic change, all from the perspective of a communications leader. Offered summer semester.

1.500 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Journalism & MC Department

### MCL 206 - EMERGING MEDIA STRATEGIES

Leading online and digital staffs into a future of unknown technology and change. Offered summer semester.

1.500 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Journalism & MC Department

### MCL 207 - COMM LEADERSHIP CAPSTONE

Application of all course material to a communications problem; students can also apply to write a thesis. Pre-reqs: MCL 201, 202, 203, 204, 205, 206. Offered summer semester.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Journalism & MC Department

#### MCL 260 - MCL INDEPENDENT STUDY

1.000 TO 3.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

#### MCL 299 - SPECIAL TOPICS

A mix of courses offered on a revolving schedule, on topics such as Women and Leadership; Translating Leadership Into the Written Word; Crisis Communication; Organizational Management; The Mentor Gap; Reinvention Strategies; Employee Communications; Leading Diverse Populations; Creativity Seminar; Small Group Dynamics; Leading Technological Change; Preparing Written Reports and Oral Presentations.

1.500 OR 3.000 Credit hours

Levels: Graduate  
Schedule Types: Lab, Lecture, Web Instructed

Journalism & MC Department

#### MDAL 210 - BUS ANALYTICS, TEAMS, PROJECTS

In this course, students will be introduced to business analytics concepts. Specifically, students will explore all aspects of business analytics projects focusing on how businesses use data to solve business problems. Class topics will address data including concepts of team formation, problem analysis, requirements gathering, and other project management concepts.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

#### MDAL 220 - INFO TECH LEGAL ETHICAL ISSUES

This course provides an overview of ethical and legal issues associated with business information technology usage, data collection, data sharing, , and data-driven decision making. Topics include ethical and legal perspectives on privacy and information rights, organizational computer usage policies, cybercrime, and intellectual property. Graduate standing or consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.



3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

### MDAL 230 - DATA MGMT AND VISUAL ANALYTICS

A study of database concepts and technologies used in managing and using data within modern organizations: defining data needs; using modern database tools; understanding database design; and creating applications. Class time is also devoted to the topic of visualization and visual analytics tools.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

### MDAL 240 - STATISTICAL MODELING

This course will focus on the analysis of data for statistical modeling. Statistical methods for analyzing and displaying data will be used as well as concepts related to model assessment and diagnostics. Statistical software R or SAS will be used.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

### MDAL 260 - APPLIED ANALYTICS PROJECT

This course will provide students with the opportunity to experience the full life cycle of a data analytics project. Students will collaborate with team members on a full-scale data analytics project to utilize the skills learned throughout their degree program. An emphasis will be placed on data analytics as well as communication skills.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

### MFM 250 - Corp Govern for Sustain Dev

Corporate Governance for Sustainable Development - This class presents an in-depth examination of the issues related to corporate governance in an ethical society. General theories of governance provide a foundation for an examination of the role governance decisions play in promoting the long-run sustainability of the community in which the firm operates. Global governance analysis will help identify best practices in internal and external governance mechanisms.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

### MFM 253 - Enhancing Firm Value

Enhancing Firm Value - This course introduces students to the techniques used in the financial management of the firm to achieve the goal of enhancing firm value through firm value maximization. As students develop the ability to utilize the tools of financial management, they will engage in an additional discussion of the relationship between firm value maximization and the long-run sustainability of both the firm and the community in which it operates. Prereq.: MBA 242 or equivalent, graduate standing and consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

### MFM 298 - CURRENT ISSUES FIN MANAGEMENT

A special topics course in current issues relating to financial management. Topics vary by semester.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

### MGMT 0-- - MGMT LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

Management Department

### MGMT 098 - INTRODUCTORY SPECIAL TOPICS

Timely or Innovative course in management presented at an introductory level. Not scheduled regularly. 1.00 to 3.00 credit hours.

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

### MGMT 1-- - MGMT UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

## Management Department

### MGMT 110 - ORGANIZATIONAL BEHAVIOR

Focus is on the management of individuals, groups, and interrelationships in the ethical pursuit of organizational effectiveness. Emphasis is on (a) theories, concepts, processes, and practices regarding the behavior of individuals, groups, and interpersonal relations in organizations, and (b) the roles, functions, and strategies of management. Specific course content covers motivation, organizational change and development, leadership, organizational stress, politics and power, decision making, management and organizational behavior in a global context, performance evaluation, and employee- management attitudes and behaviors in organizations. Prereq.: Sophomore standing.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Management Department

### MGMT 120 - MANAGEMENT OF OPERATIONS

A study of the operations function of organizations, focusing on providing services and producing goods efficiently and effectively. Students learn how to analyze, measure, and improve work methods; make capacity decisions; manage waiting lines; and control the flow of materials along the supply chain. The course also discusses ethics and sustainability; monitoring and improving quality, allocating scarce resources and managing projects. Prereq.: MATH 020 or MATH 028; IS 044; one of STAT 072, ACTS/MATH 131 or STAT 170; and sophomore standing.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Management Department

### MGMT 133 - MANAGING DIVERSITY IN WORKPLAC

A study of the causes and effects of worker attitudes, perceptions, or values (e.g., worker satisfaction or organizational climate), various methods of assessing these reflections of the human condition, and organizational concerns in managing diversity in the workplace. Prereq.: MGMT 110.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Management Department

### MGMT 135 - NON-PROFIT MGMT & LEADERSHIP

This comprehensive introduction to the nonprofit sector is designed to familiarize students with the third sector's social, political, and management behaviors. The course emphasizes the roots and values of American nonprofit organizations, qualifications for nonprofit entities, management and leadership of charitable agencies, resource development and management, and relationships with government and private entities. A variety of agency types will be discussed, including those in the fields of education, health care, the arts, religion, social services, advocacy, international assistance, and philanthropy. Prereq.: Junior Standing.  
3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### MGMT 145 - ORGANIZATIONAL DESIGN&DEVLPMNT

An intensive study of the concepts, models, and applications relevant to the structure and processes of complex organizations and their sub-units. The focus is on understanding the macro level of organizational analysis and providing knowledge and skills necessary for improving organizational effectiveness. Emphasis is placed on understanding organizational elements, developing a systematic framework for organizational measurement and analysis, and conceptual skills for analyzing organizational situations. Specific course coverage includes the dimensions of environment, goals, strategy, structure, life cycle, organizational politics, effectiveness and efficiency, ethical considerations, international dynamics, organizational design and development, social responsibility, technology, and culture. Prereq.: MGMT 110 or equivalent.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Management Department

#### MGMT 160 - PLANNING/CONTROL OF OPERATIONS

Advanced study in the management of operations in service and manufacturing organizations. Emphasis is on the techniques for the continuous improvement of quality and productivity. Includes coverage of process mapping, cause and effect analysis, Pareto analysis, benchmarking, quality function deployment, production scheduling, theory of constraints, workforce scheduling, and ethical issues of operations. Includes use of computer spreadsheets. Prereq.: MGMT 120.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Management Department

#### MGMT 170 - INT. MANAGEMENT AND LEADERSHIP

This course examines a broad understanding of how culture impacts management in the international business environment. The major objective of the course is to engender a global mindset and a better understanding of the problems and challenges that organizations and managers face in the international context. Prereq.: Senior standing, MGMT 110, BUS 070, FIN 101, MKTG 101.

3.000 Credit hours

Levels: Non-Drake, Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

Course Attributes:

Information Literacy

### MGMT 182 - HUMAN RESOURCE MANAGEMENT

Study of the theory and application of the functional areas of human resource management: employment, placement, and HR planning; compensation and benefits; training and development; employee and labor relations; occupational health, safety, and security; and personnel research. This course introduces the student to the challenges, problems, techniques, opportunities, ethical considerations, and social significance of the field, with emphasis on the human resource activities of both managers and HR specialists. Prereq.: MGMT 110 or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

### MGMT 184 - LEADERSHIP AND PERSONAL DEVELOPMENT

This course focuses on leading self. The course examines how leadership differs from management, what different effective and ineffective leadership styles exist, and how individuals can develop into leaders. The major objective of the course is to aid students in gaining greater self-awareness, which is an important prerequisite to becoming an effective leader. The course accomplishes this objective through a mix of academic and experiential activities. Students learn about major models and theories of self-leadership, engage in a leadership activity (such as leading a small project), and receive feedback on their leadership skills and effectiveness, personality traits and characteristics, and communication skills. All course experiences culminate in a capstone class project: The Leadership Portfolio and Personal Leadership Development Plan. Prereq.: MGMT 110 and Junior standing.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

### MGMT 185 - LEADING TEAMS AND ORGANIZATIONS

This course focuses on leading others. The course examines leadership in teams and organization, how leaders engage diverse team members towards a shared goal, how leaders handle crises and stimulate and lead change, and what the implications of effective and ineffective leadership are for private and public organizations. The major objective of the course is to aid students in developing skills to lead others. The course accomplishes this objective through a mix of academic and experiential activities. Students learn about major models and theories of team and organizational leadership, engage in a significant leadership experience (such as a business challenge, a service learning project, a community engagement project), and receive feedback on the

quality of their deliverable from the project initiator. All course experience culminates in a capstone class project - The Leadership and Career Vista - where students apply class knowledge and reflect on their leadership experience to discuss their continued leadership development. Prereq.: MGMT 110, MGMT 184 and Junior standing.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

#### MGMT 186 - COMPENSATION AND BENEFITS

This course involves an introduction to strategic compensation systems designed to facilitate the achievement of organizational objectives by attracting, motivating, and retaining a workforce of desired size and quality. It includes the study of principles relevant to the effective compensation of people at various levels, and in various functional areas, in the organization.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Management Department

#### MGMT 198 - SPECIAL TOPICS IN MANAGEMENT

Timely or innovative course in management. Not scheduled regularly.

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Management Department

#### MGMT 199 - INDEPENDENT STUDY

Individual advanced study and research under faculty supervision.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

Management Department

#### MGMT 230 - INDEPENDENT STUDY

Advanced individual study or research under the supervision of the faculty.

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Management Department

#### MGMT 280 - INTERNATIONAL MGMT

A comprehensive examination of comparative management processes in light of traditional international social and market forces controlling the international business process. The course includes a detailed comparison of this traditional knowledge and processes to the rapidly emerging social forces in the global economy. This initial examination sets the stage for drawing conclusions concerning future managerial philosophy, policy, organizational structure, global ethical issues and organizational behavior in the global economy. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Management Department

#### MGMT 281 - SEMINAR IN INDUSTRIAL MGMT

This course covers the legal, political, economic, social and managerial aspects of industrial/employee relations in a changing workplace and workforce. Emphasis is placed on integrating scholarly writings and research findings as a basis for (a) effective managerial decisions and (b) prediction of workforce and workplace trends. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Management Department

#### MGMT 282 - HUMAN RESOURCE MGMT

Focus is on theories, research and practices related to the functions and activities of managing human resources in organizations. The course covers the responsibilities and inter-relationships involving job analysis, job structuring, EEO, human resource planning, recruitment and selection of employees, ethics, international HRM, performance appraisals, counseling, incentives, safety and health, human resources development, career planning and union/employee- management relations. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law  
Schedule Types: Lecture

Management Department

### MGMT 284 - STAFFING

This course provides an introduction to scientific, legal, and administrative issues in the selection, placement, and promotion of individuals in organizations. Includes sections on affirmative action, human resource planning, job analysis, recruitment, testing, interviewing, decision making, and retention management. Prereq.: Graduate standing or consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

### MGMT 286 - PROJECT MANAGEMENT

Focus is on the managerial philosophies surrounding project management. Using the Project Management Institute's Body of Knowledge (PMBOK) as a reference point, this course will guide the student through the five process areas of the project management life cycle (initiation, planning, execution, control, and closing) as well as the nine management disciplines needed to make projects successful (scope management, quality, scheduling, cost management, human resources, communication, plan integration, risk management, and procurement). In addition, roles and responsibilities, best practices, guest speakers, case studies, and a student project will all be leveraged to enhance the learning experience. We will also review recent trends and future directions of the discipline of project management. Prereq.: Consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

### MGMT 288 - COMPENSATION AND BENEFITS

This course involves the development of strategic compensation systems designed to facilitate the achievement of organizational objectives by attracting, motivating, and retaining a workforce of desired size and quality. It includes the study of principles relevant to the effective compensation of people at various levels, and in various functional areas, in the organization. Prereq.: Graduate standing or consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

MGMT V-- - Management with validation



3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

### MILS 0-- - MILS LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Military Science Department

### MILS 011 - INTRODUCTION TO THE ARMY

This course examines the role of a Cadet in the Army Reserve Officer Training Corps and a Lieutenant in the United States Army. The course explores a military culture whose ultimate success is determined by the character and proficiency of its' leaders. Instruction introduces students to the cultural heritage and history of the U.S. Army. Students will begin to understand the structure of the U.S. Army and how it functions as an organization and institution. The curriculum promotes the development of students' communication skills to enhance their ability to transmit ideas.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Military Science Department

### MILS 012 - FOUND. AGILE & ADAPTIVE LDRSHP

This course instructs students on the fundamental skills and proficiencies required of Cadets in the Army Reserve Officer Training Corps and Officers in the United States Army. Special focus is given to the emphasis the Army puts on the development and character of the leader and how that affects the culture and operation of the Army as an institution. Students will develop an understanding of the role that morals and ethics play in becoming an Army Officer and leading American Soldiers. Introduction to basic officer /soldier skills will elucidate the complex role of the Officer in the modern Army.

1.000 TO 2.000 Credit hours

2.000 Lecture hours

1.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Military Science Department

### MILS 015 - ARMY PHYSICAL READINESS

This course is designed to use basic military training skills and instruction to develop confidence, leadership, and physical fitness. The team approach is utilized in the instruction and application of Army physical fitness requirements. Students will learn various Army physical fitness techniques as well as how to conduct physical fitness sessions. Full participation in all events will be determined based on students' physical and medical eligibility. Iowa State students and freshman cadets enrolled in this class conduct training three days a week (M/T/F).

1.000 Credit hours  
1.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Military Science Department

### MILS 021 - LEADERSHIP & DECISION MAKING

This course explores the development of leadership and communication skills by understanding and studying the principles, traits, and dynamics of leadership and effective communication techniques. These include; leadership dimensions, human behavior, time management skills, stress management, values and ethics, decision making process, problem solving skills, team building exercises, communication techniques, briefing skills, delegating, and counseling. Leadership assessment programs, role playing, active class participation, speeches, country briefs, and video clips are used to enhance and reinforce the instruction.

1.000 TO 3.000 Credit hours  
1.000 Lab hours  
1.000 Other hours

Levels: Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Military Science Department

### MILS 022 - ARMY DOCTRINE & TEAM DVLPMNT

Class focuses on the characteristics and features of earth's land mass and how to apply different methods of conducting navigation on land. These methods include; by use of topographical maps, compasses, aerial photographs, military maps, symbols, and all their practical application. These navigation techniques are used in class in conjunction with patrolling techniques and squad movement exercises. Students will utilize verbal and non-verbal communication, communication techniques, and briefing techniques during this class.

1.000 TO 3.000 Credit hours  
2.000 Lecture hours  
1.000 Lab hours

Levels: Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

## Military Science Department

### MILS 101 - TRAINING MGMNT WARFIGHTING

This course develops student's proficiency in analyzing, planning, and executing complex operations within a military organizational structure. Students are given situational opportunities and then measured on their leadership abilities through systematic feedback. Student's evaluations are based on sixteen leadership dimensions within the realms of values, attributes, skills, and actions. Students develop an understanding of human cultural heritage and history, as it pertains to the armed forces. \*\*Permission of the Chair of the Military Science Department.

1.000 TO 3.000 Credit hours

2.000 Lecture hours

1.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

All Sections for this Course

## Military Science Department

### MILS 102 - APPLIED LDRSHP SMALL UNIT OP

Prepares students to attend the Leadership Develop and Assessment Course at Fort Knox, KY where they will be assigned specific and situational tasks to accomplish by providing purpose, motivation, and direction to fellow students across the nation. Students will learn how to identify sixteen leadership dimensions in the under classmen and provide specific feedback on their leadership behaviors. Students will develop their oral communication skills by presenting plans developed by the class, through small group presentation settings. Students will develop methods of studying human behavior.

1.000 TO 4.000 Credit hours

3.000 Lecture hours

1.000 Lab hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

## Military Science Department

### MILS 105 - ARMY PHYSICAL READINESS LEADER

A leader's level of physical fitness has a direct impact on his/her unit's combat readiness. Countless times during our history, a leader's ability to rally soldiers, instill confidence, alter the course of a battle is derived from his/her leadership. The Army's Physical Readiness Training (APRT) program provides a forum for developing leadership unlike any other physical fitness program. The primary purpose of this course is to enable students to develop their leadership skills by providing them an opportunity to instruct and lead their peers in a controlled environment. Using the APRT program for structure and context, the students will apply the fundamentals of physical fitness to develop a fitness plan, present it to other students, and direct the execution of their plans. Upon the completion of their assignments, students will complete a self-assessment. Evaluations will grade the students' work using the Army's 16 Leadership Dimensions and the self-assessment.

2.000 Credit hours  
2.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Military Science Department

### MILS 111 - THE ARMY OFFICER

Cadets develop student proficiency in analyzing and evaluating leadership behaviors, such as values, attributes, skills, and actions. Students are given situational opportunities to assess leadership and provide feedback to other students placed in leadership roles. Students will be measured by their ability to both give and receive systematic and specific feedback on leadership behaviors. Students will develop their ability to communicate thoughts and ideas orally through small group presentations and group discussions. Students will supervise and evaluate the planning and execution of complex operations within a military organizational structure.

\*\*Permission of the Chair of the Military Science Department.

1.000 TO 3.000 Credit hours  
1.000 TO 3.000 Lecture hours  
1.000 TO 3.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Military Science Department

### MILS 112 - COMPANY GRADE LEADERSHIP

Cadets explore the dynamics of leading in the complex situations of current military operations in a contemporary world. Students will examine the differences in customs, courtesies and operational principles in the face of international terrorism. Students will also explore aspects of interaction with nongovernmental organizations, civilians and media in a war zone and foreign national governments. The course uses case studies, scenarios, and practical exercises, which prepare the student to face complex ethical and practical demands of leading soldiers within a multifaceted military organizational structure.

1.000 TO 4.000 Credit hours  
3.000 Lecture hours  
1.000 Lab hours

Levels: Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Military Science Department

### MILS 199 - IND STUDY: ADV MILITARY STUDY

Students authorized to take MILS 199 will meet with the Professor of Military Science within 72 hours of enrollment. The Professor of Military Science will then assign specific projects designed to develop their skills in military administration, logistics, training, and/or leadership. This course is specifically designed to educate students through a "hands-on" approach to project-planning, time management, and project completion.

Prerequisites: Enrollment requires consent of the Professor of Military Science.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Military Science Department

MKTG 0-- - MKTG LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Marketing Department

MKTG 1-- - MKTG UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Marketing Department

MKTG 101 - MARKETING PRINCIPLES

Provides a theoretical and practical understanding of the role of marketing in society. The course is focused on managerial decision making regarding markets, products and services, promotion, distribution, logistics, and pricing to satisfy customer needs and institutional goals. Prereq.: ECON 002 (concurrent ok) and sophomore standing.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Marketing Department

MKTG 102 - PROFESSIONAL SELLING

You will learn the fundamentals of professional selling and about those aspects of management that have a direct impact on your job. The selling skills you develop will include prospecting, active listening, benefit presentation, objective handling, closing and territory management. Managerial topics will include recruiting, compensation, motivation and evaluation.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Marketing Department

#### MKTG 104 - SALES MANAGEMENT

This course will cover management topics as they pertain to the sales organization. Subjects include forecasting, budgeting, territory design, recruiting, compensation and motivation, as well as evaluation. Emphasis will be placed on practical problem solving for salesforce managers. Prereq.: MKTG 102 (may be taken concurrently).

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Marketing Department

#### MKTG 106 - INTEGRATED MARKETING COMM

This course emphasizes the application and management of the various promotional techniques available to the organization. Specific attention is given to planning, coordinating, controlling, and evaluating the interrelated components of the entire promotional effort. Prereq.: MKTG 101 or graduate standing and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Marketing Department

#### MKTG 109 - MARKETING AND THE INTERNET

This class provides a detailed examination of the use of the Internet in marketing by established businesses. Through lectures, case studies, class exercises and projects, the course examines how to use the Web to drive measurable business outcomes such as building brand awareness, delivering product and service information, sales and service support, and quoting and product fulfillment. Prereq.: MKTG 101.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

#### MKTG 111 - DIRECT& INTERACTIVE MARKETING

An introduction to the theory and practice of direct and interactive marketing including mail order, direct response advertising, search engine marketing, lists and database marketing, measurability and accountability,

and the cultivation of customers. Emphasis placed on the integration of marketing strategies across multi-channels including those emerging from new technologies. Prereq.: MKTG 101.

3.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### MKTG 113 - MARKETING RESEARCH

The role of research in providing information for marketing management decision making; problem definition; research designs; sampling procedures; questionnaire design; data acquisition; analysis, interpretation, and presentation of research findings. Prereq.: MKTG 101 and one of STAT 072, ACTS/MATH 131, or STAT 170.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Marketing Department

Course Attributes:  
Information Literacy

### MKTG 115 - CONSUMER BEHAVIOR

Reviews contributions from marketing and the behavioral sciences to analyze and predict purchasing behavior. Specific attention to the factors affecting consumer behavior, the stages in the purchase decision process and models of consumer behavior. Prereq.: MKTG 101 and PSY 001 or graduate standing.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Marketing Department

### MKTG 120 - DIGITAL MARKETING

Using a combination of readings, discussion, and projects students learn about the necessary components of a successful digital marketing strategy. Students will learn about tactical components of digital marketing including: content marketing, search engine marketing, (including SEO and paid search), social media, digital marketing display, email marketing, and related analytic tools. An emphasis will be placed on how digital marketing strategy integrates with the firm's overall marketing efforts. Prereq.: MKTG 101.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Marketing Department

### MKTG 130 - MARKETING ANALYTICS

Students gain experience collecting and analyzing data common to the field of Marketing. This class will focus on the analytical tools to obtain and interpret data, as well as how to communicate finding. An emphasis will be placed on the use of technology. Prereq.: MKTG 101, MKTG 113 and STAT 072.

3.000 Credit hours

Levels: Non-Drake, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### MKTG 170 - GLOBAL MKTG

This course addresses the globalization of marketing management and strategy. Specific emphasis is placed on elements of the global environment, assessments of global opportunities and the development of global product, pricing, promotion, and distribution strategies. Prereq.: MKTG 101.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Marketing Department

### Course Attributes:

Global and Cultural Understand

### MKTG 180 - NEW PRODUCT MARKETING

This course examines the strategies, processes and methods that have been proven to successfully launch and manage new products. Cutting-edge tools and techniques used for new-product development will be examined. An in-depth examination of the techniques and processes for managing different stages of product development will be conducted. Based on these principles, students will have the opportunity to develop a proposal for a new product. Prereq.: MKTG 101 and one of MKTG 113 or ENTR 101.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### MKTG 195 - MARKETING MANAGEMENT

Study and integration of major tasks and decisions confronting tomorrow's manager involved in developing marketing strategies. Prereq.: MKTG 101, MKTG 113 or ENTR 101 and an additional Marketing class.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed



Marketing Department

**MKTG 198 - SPECIAL TOPICS IN MARKETING**

Timely or innovative course in marketing. Not scheduled regularly.

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Marketing Department

**MKTG 199 - INDEPENDENT STUDY**

Individual advanced study and research under faculty supervision.

1.000 TO 8.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Marketing Department

**MKTG 230 - INDEPENDENT STUDY**

Advanced individual study or research under supervision of the faculty.

1.000 TO 3.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

Marketing Department

**MKTG 280 - GLOBAL MARKETING MANAGEMENT**

Introduction to marketing problems and opportunities in an international context. Topics include the effects of social, legal, cultural and environmental factors on marketing management; how economic factors aid or hinder marketing plans; and the modifications necessary or prudent in one's marketing mix when dealing with global markets. Prereq.: MBA 251 or consent of instructor, graduate standing and consent of Assistant Dena, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

**MKTG 285 - BRAND MANAGEMENT**

Study and integration of major tasks and decisions confronting tomorrow's brand manager. Topics covered will include: forecasting demand, managing positioning, identifying consumer segments, handling line extensions

and pricing strategy, dealing with IMC issues, and conducting an overall evaluation of a marketing strategy.  
Prereq: MBA 251

3.000 Credit hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

#### MKTG 298 - CURRENT ISSUES IN MKTG

Special topics seminar. Topics vary. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Marketing Department

#### MKTG V-- - Marketing with validation

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

#### MPA 2-- - BN EMPHASIS ELECT

1.000 TO 10.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture

Public Admin Department

#### MPA 215 - CHANGING ENVIRONMENT & MGMT

This course is designed to introduce participants to the dynamic environments of public organizations and nonprofit entities. The course reviews the historical and the institutional context of public and nonprofit organizations and examines the knowledge, skills and values necessary to manage such organizations. The course also familiarizes participants with the norms and the expectations of masters- level education. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration. To be completed within the first 9 hours of program.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

## Public Admin Department

### MPA 216 - MANAGING HR AS ASSETS

Treating Human Resources as an asset rather than as a cost represents a philosophical transformation on human resource management thought. Focus is on theories, research and practices related to the functions and activities of managing human resources in public and nonprofit organizations. The course covers the responsibilities and inter-relationships involving job analysis, job structuring, EEO, human resource planning, recruitment and selection of employees, ethics, international HRM, performance appraisals, counseling, incentives, safety and health, human resources development, career planning and union/employee-management relations, multiculturalism, the virtual office, outsourcing, issues central to HR in the public and nonprofit sectors are included and compared to the private sector. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

## Public Admin Department

### MPA 217 - APPLYING INFO/RESEARCH/ ANALYSIS

Course provides an introduction to the methodology of the social sciences as well as public administration and management research. Competencies important to the professional practitioner that are covered include how to assess and evaluate services, read and analyze research published in relevant areas of management and policy analysis, and develop an understanding of the strengths and limitations of published research. The course provides the skills necessary to become a critical and competent consumer of both qualitative and quantitative research related to public administration. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law

Schedule Types: Lecture, Web Instructed

## Public Admin Department

### MPA 220 - PUB BUDGETING & FINANCIAL MGMT

An investigation of (1) financial institutions and practices, including budgeting public funds and the political constraints on their operation; (2) revenue sources including taxation, charges and fees, and intergovernmental financial transactions; (3) financial management techniques such as the administration of government debt, idle cash, risk management, purchasing, and management. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration. (3 credits)

3.000 Credit hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

### MPA 221 - PUBLIC ORGS & LEADERSHIP

Focus is on management and leadership in public organizations as informed by bureaucracy and rationality, formal and informal structures, and rapidly changing political and organizational environments. The course will examine institutional factors and contemporary issues surrounding behavior or organizational members, including topics such as organizational design, organizational change, performance management, and technology integration. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration. (3 credits)

3.000 Credit hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

### MPA 225 - FINANCIAL ASPECTS OF ORGS

A study of financial issues, reporting and budgeting for state and local governmental units and nonprofit organizations including colleges and universities, hospitals, volunteer health and social services organizations and other nonprofit entities. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Public Admin Department

### MPA 226 - PUBLIC POLICY DECISION MAKING

This course is an examination of the public policy process with an emphasis on developing the knowledge and analytical skills necessary to manage the design, implementation and evaluation of public policies in public and nonprofit organizations. The course includes quantitative and qualitative strategies used to formulate and implement effective public policies and it will also cover performance and impact - based evaluation techniques. Case studies selected from several policy areas will be used throughout the course. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate, Law  
Schedule Types: Lecture, Web Instructed

Public Admin Department

### MPA 240 - VALUES ETHICS IN DECISION MAKG

A presentation and discussion of how values and ethics play a role in the decision making process and their impact on the multiple roles played by organizations. The goal is to challenge course participants to reflect on how their values are determined and impact their personal and professional responsibilities within an organizational setting. The course will include a critical analysis of the role of the firm in promotion of the sustainability of the community(ies) in which it operates. Prereq.: Graduate standing and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### MPA 254 - LEADERSHIP AND HUMAN CAP. DEV.

This course involves applied human resources management designed to improve leadership skills and the development of the firm's workforce. Ethics and the successful long-term operation of firms in today's pluralistic and diverse society are important components of the course. Prereq.: Graduate standing or consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### MPA 260 - APPLY SOLUTIONS CURRENT PROB

A problem-based learning experience in which the student engages in a real world challenge utilizing problem solving strategies along with experience and disciplinary based knowledge and skills to find and develop innovative solution(s). Prereq.: Admission to MPA program; MPA 215, MPA 216, MPA 217, MPA 220, MPA 221, and MPA 226. Concurrent enrollment in any of the above courses with the exception of MPA 217 is permitted. Graduate standing and consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

#### MSLD 201 - UNDERSTANDING SELF & OTHERS

MSLD 201 UNDERSTANDING SELF AND OTHERS serves as an introduction to graduate studies in the MSLD program. Students are introduced to the MSLD competency model and how each competency is explored in the MSLD coursework. They also complete personality and multirater assessments and engage in in-depth discussions of connections between personality, leadership styles, team roles, and career satisfaction. Other topics are building relationships, collaborating, networking, and interacting positively with others. Finally, students receive critical information on graduate study success tips and learn about Drake University's resources.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 202 - LEADERSHIP IN ORGANIZATIONS

This course serves as a foundational investigation of personal and organizational leadership with an emphasis on developing leadership talent. The following foundational topics in leadership are included: Overview of key leadership theories; differences between management and leadership; followership, influence, and power; and research-based practices on leadership development.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 203 - ORGANIZATION POLITIC & INFLUEN

Today's organizations are challenging, complex systems where success depends on the ability to navigate the political and communication environment. Organizational leaders must effectively work with others to accomplish individual and organizational goals. This class will examine tools and techniques for identifying and effectively interacting with organizational and political challenges and realities. A variety of communication challenges, strategies, and techniques will be examined. Topics include conflict resolution styles and modes, negotiation, organizational politics, influencing processes, and the language of leadership.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 204 - ETHICS AND LEADERSHIP

The study of ethics is the study of moral philosophy and the ways in which moral dilemmas are evaluated and, ultimately resolved. Throughout this course we will focus on exploring the perennial question, "What is right?" Through processes of shared inquiry, we will explore the theoretical foundations for making ethical choices, and examine implications for contemporary workplace, environmental, and sociopolitical challenges. In particular we will emphasize the nature of moral and ethical leadership, review and critique our professional Code of Ethics, and discuss best practices for developing moral leaders.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 205 - GLOBAL LEADERSHIP

This course explores the complexity of leadership in organizations within a cross-cultural and global environment. Topics include definitions and dimensions of culture, cultural awareness and development models, intercultural communications challenges, connections between national and organizational cultures, and diversity in the workplace.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 206 - ANALYZING & COMMUNICAT W/DATA

This course prepares students to become critical consumers of research reports in the fields of leadership and organizational learning. Students learn fundamental concepts on research design and implementation including an introduction to qualitative and quantitative research methods, a discussion on the design of research assessments, and a preliminary review of basic statistical analyses. Discussions on validity, reliability, and various types of research bias help students separate solid from sloppy research. Ethical and legal considerations are also addressed.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 207 - INSPIRING & INVOLVING OTHERS

This course helps students strengthen their ability to foster an engaging and meaningful environment for their followers. Topics include emotional intelligence, employee engagement, psychological safety and meaningfulness, availability of resources, person-environment and person- work fit, career development / growth, group dynamics, trust, collaboration, and builising synergistic and collaborative teams.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 208 - LEADING CHANGE

Leaders must not only deal with change effectively, but also help their followers thrive in a constantly changing environment. This course will focus on the challenges and opportunities of organizational change. Topics include systems thinking, adaptive leadership, organizational diagnosis, and effective change leadership interventions.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 209 - INNOVATION & FUTURE THINKING

This course helps students hone their ability to recognize future trends, consider possibilities, and generate innovative solutions. Additionally, students learn how to foster a culture of innovation, one that tolerates risk, rewards experimentation, and accepts failure as a catalyst for growth.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 210 - CAPSTONE EXPERIENCE

Completed near the end of the MSLD program, this course acts as a capstone project to the student's graduate school experience. Students may select among two options: (a) an original (basic or applied) research project or (b) an approved project directly related to leadership development. Prereq: 24 hours of MSLD courses.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 211 - ORGANIZATIONAL LEARNING

Organizational Learning introduces students to key concepts in the field of organizational learning, emphasizing its strategic nature within the organization. Topics include leading the learning function; organizational learning and andragogy theories; the ADDIE model (analysis, development, design, implementation, and evaluation) of training and development, and non-traditional learning interventions through coaching, mentoring, and cross-training. Special emphasis will be placed on the first and last components of ADDIE: Needs Analysis and Evaluation.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 212 - LEARNING AND TECHNOLOGY

Learning and Technology introduces critical assessment, collaboration, and learning technologies. Since technology changes constantly, students will also learn how to continuously identify and gain proficiency in new tools. Ethical and legal considerations related to the use of technology in the workplace are also addressed.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed



Education: Leadership & Couns Department

### MSLD 213 - PERFORMANCE CONSULTING

This course helps students explore the field of human performance improvement. Students will gain critical skills in applied organizational research, learning to identify performance improvement gaps and to propose appropriate interventions. Topics include data collection methods, the HPI model, data analysis, and best practices in internal and external consulting.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 214 - DESIGNING,DEVELOPING,&FACILITATING LRNG

This course provides an overview of how to design, develop, and facilitate effective learning experiences for adult learners. Design and development topics include writing instructional objectives, selecting appropriate training methods, and designing and developing instructional games and simulations. Facilitation topics include the rationale for selecting various facilitation methods and approaches for engaging learners.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 230 - INDEPENDENT STUDY

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

### MSLD 242 - LIVING,LEARNING,LEADING 21st CENT

This course serves as an introduction to graduate study in the MSLD program. It provides an overview of the social, demographic, and technological changes impacting our society, organizations, and the communities in which we live. Special consideration will be placed on the impact of these changes on our ability to effectively influence individuals and groups toward goal accomplishment in given situations. Students will complete a leader related self and multi-rater assessment that will be referenced throughout the program and used for developmental purposes. The course includes an introduction to the MSLD competency model. (ALOP Substitute, 242 Living, Learning & Leading in the 21st Century). Those students who have completed ALOP 242 will enroll in the two cr. hr. option and complete the last two weekends of MSLD 242.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 243 - MORAL LEADERSHIP

The study of ethics is the study of moral philosophy and the ways in which moral dilemmas are evaluated and, ultimately, resolved. Throughout this course we will focus on exploring the perennial question, "What is right?" Through processes of shared inquiry, we will explore the theoretical foundations for making ethical choices and examine implications for contemporary workplace, environmental, and sociopolitical challenges. In particular we will emphasize the nature of moral and ethical leadership, review and critique our professional Code of Ethics, and discuss best practices for developing moral leaders. Prerequisite MSLD 242 or concurrent enrollment with MSLD 242 (ALOP Equivalent, 249 Ethics).

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 244 - LEADERSHIP DEVELOPMENT

MSLD 244: Leadership Development (3 hours) This course serves as a foundational investigation of leadership with emphasis on application and skill development. The goal of the course is to assist each student to become a more informed and effective leader in his or her intended work and community setting. The following foundational topics in leadership are included: Overview of key leadership theories and models; differences between management and leadership; followership, influence, and power; and introduction to leadership coaching. Several self-assessments used during the class. Prerequisite: 242 (ALOP Equivalent 245, Leadership Essentials)

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 245 - ORGANIZ SAVVY & COMMUNICATION

MSLD 245 Organizational Savvy and Communication (3 hours) Today's organizations are challenging, complex systems where success depends on the ability to navigate the political and communication environment to effectively work with others to accomplish individual and organizational goals. This class will examine tools and techniques for identifying and effectively interacting with organizational and political challenges and realities, and will base this in the historical evolution of organizations. In addition, a variety of communication challenges, strategies, and techniques will be examined. Topics include conflict resolution styles and models, negotiation, organizational politics, influencing processes, and the language of leadership. Prerequisite: 242, 244 (ALOP Equivalent, 253 Organizational Savvy and Communication)

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 247 - GLOBAL & TEAM LEADERSHIP

MSLD 247: Global and Team Leadership (3 hours) This course explores the complexity of leadership in organizations within a cross-cultural and global environment. Topics include global organizations, intact and virtual teams, connections between organizational and national cultures, international and intercultural relations, diversity in the workplace, and the impact of globalization and diversity on HRD and HRM functions. Prerequisite: 242, 244 (ALOP Substitute, 252 Leadership in Organizations)  
3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 248 - ORG DEVELOPMT & LEADING CHANGE

MSLD 248: Organizational Development and Leading Change (3 hours) According to Anderson (2009) organizational development is “the process of increasing organizational effectiveness and facilitating personal and organizational change” (p. 3). Indeed, change is in the very root of organization development. Leaders must not only deal with change effectively but also help their followers thrive in a constantly changing environment. This course will focus on organization development and change leadership. Topics include definitions and foundations of organization development, organizational culture, organizational systems, adaptive leadership, organizational diagnosis, and effective organization development interventions. Prerequisite: 242, 244, 247 (ALOP Equivalent, 253 Organizational Development and Leading Change)  
3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 262 - HUMAN RESOURCES DEVELOPMENT

MSLD 262: Human Resources Development (3 hours) The course provides a general overview of the human resources development field, emphasizing its strategic nature within the organization and connecting it to the broader field of human resources management. Topics include leading the learning function; strategic HRD, adult learning and learning theories; theories of individual change; the ADDIE model (analysis, development, design, implementation, and evaluation) of training and development; and the impact of technology on the learning function. Prerequisite: 242 (ALOP Substitution, 247 Adult & Organizational Learning)  
3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 263 - PERFORMANCE CONSULTING

**MSLD 263: Performance Consulting (3 hours)** This course helps students practice models, approaches, and techniques of performance consulting in organizational settings. Students will gain critical skills in applied organizational research, learning to identify gaps for performance improvement and to propose HRD interventions. Topics include data collection methods, needs analysis and evaluation processes, the HPI model, data analysis, and best practices in internal and external consulting. Prerequisite: 262 (ALOP Substitute: 243 or 262).

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### **MSLD 264 - DESIGNING & DELIVERING LRNG**

**MSLD 264: Designing and Delivering Learning (3 hours)** This course provides an overview of how to plan, design, and facilitate effective learning experiences for adult learners. Design and development topics include writing instructional objectives, selecting appropriate training methods, designing games and simulations, and applications of technology and web 2.0 to face-to-face and distance learning. Facilitation topics include the theoretical underpinnings and rationale for various approaches to facilitation, basic platform skills required for delivery and management of training situations, and the facilitation competencies required for facilitating non-training learning events and situations. Prerequisite: 262, 263 (ALOP Substitution, 263 Designing Learning Interventions and 264 Methods & Technology of Facilitation)

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### **MSLD 269 - INTERNSHIP**

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### **MSLD 273 - TOTAL REWARD,STAF & PERFOR MGT**

**MSLD 273: Total Rewards, Staffing, and Performance Management (3 hours)** This course explores the concept of total rewards, its fundamental elements and strategic prevalence in attracting, motivating and retaining valued employees. Students will discuss the creation of a total rewards strategy and work environment. Students will participate in strategic goal and program development, examining how total rewards, compensation and benefit designs, impact individual/organization performance and contribute to defining organization culture. Course topics include employee motivation and engagement; compensation and benefits philosophy, design, and practices; worklife balance, performance and recognition, and development of career opportunities; linking individual and team performance to organizational outcomes; job analysis and job design; recruitment strategies, processes, and practices (including the creation of an employee brand, traditional and behavioral interviewing, and background checks/job offers); and development/implementation

of a performance management program (including developing goals and communicating expectations; managing performance and feedback; diagnosing and addressing performance issues; performance results, communications, and performance improvement plans). Prerequisite: 272 (ALOP Equivalent, 273 Compensation, Benefits, and Total Rewards)  
3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 274 - EMPLOY RELA,LABOR RELA,EMPL LA

This course provides an overview to the field of employee and labor relations including a discussion of key theories, laws, programs, and policies. Topics include legal compliance and employment law; employee relations (including performance counseling, progressive discipline, harassment prevention and remediation, and documentation); and labor relations (union related labor laws, collective bargaining process and issues, negotiations skills and best practices, union certification/decertification and deauthorization, union related performance management and disciplinary actions). Prerequisite: MSLD 272

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 282 - FOUND OF AMERICAN HIGHER EDUC

MSLD 282: Foundations of American Higher Education (3 hours) This course addresses major themes, organizational structures and historical developments in American higher education. This will include the ideologies, people, and movements that have particularly influenced those developments. Topics include history of American higher education, organizational structures, law in higher education, and contemporary higher education issues. (ALOP Substitution, 284 History & Philosophy of American Higher Education)  
3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### MSLD 290 - PREPARATION TO CAPSTONE

1.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 291 - CAPSTONE SEMINAR

MSLD 291: Capstone Seminar (3 hours) Completed near the end of the MSLD program, this course acts as a capstone project to the student's graduate school experience. Students may select among three options: (a) an original research project, (b) a comprehensive literature search, and (c) an approved work experience in the student's area of emphasis. The class ends with a "poster dissemination night" where students present an overview of their research or project to students, faculty, family and guests. Prerequisite: 24 hours of MSLD courses (ALOP Equivalent, 291, Applied Research)

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 297 - GLOB CITZ: CULT IBERIAN PENIN

The main goals of this interdisciplinary course are to (a) expose students to the complexity of culture, with a special focus on the challenges and opportunities inherent to intercultural contact, and (b) help students connect the culture of the Iberian Peninsula to its history and current political, economic, and business climate.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MSLD 298 - SPECIAL TOPICS

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

### MUS 0-- - MUS LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

Music Department

### MUS 001 - MATERIALS OF MUSIC I

Fundamentals of basic theory, notation and nomenclature; introduction to writing skills and analysis.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 002 - MATERIALS OF MUSIC I

Correlated sight singing and aural perception skills.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 003 - MATERIALS OF MUSIC II

Introduction to part-writing and continuation of analytic skills. The writing and analysis of relatively short exercises in the style of the common practice period are introduced. Prereq.: MUS 1.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 004 - MATERIALS OF MUSIC II

Correlated sight singing and aural perception skills. Prereq.: MUS 2.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 006 - PIANO LABORATORY I

Laboratory course for beginning piano students with appropriate elementary repertoire and theory content parallel to MUS 1 and MUS 2.

1.000 Credit hours

1.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Music Department

**MUS 007 - PIANO LABORATORY II**

Continuation of MUS 6; laboratory course for piano students with appropriate elementary repertoire and theory content parallel to MUS 3 and 4. Prereq.: MUS 1 and MUS 6 or consent of instructor.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

**MUS 010 - JAZZ HISTORY**

The history of jazz music in America from its origins in New Orleans through the present. A strong emphasis is placed on listening and analysis to learn to identify artists, styles, and periods. Prereq.: Concurrent enrollment in MUS 1 or consent of instructor.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

**MUS 011 - FOUNDATIONS OF MUSIC THEORY**

A study and application of the rudiments of music: pitch and rhythm notation and reading, major and minor scales and their key signatures, intervals, triads, seventh chords, and basic aural skills. Designed for non-music majors. Required for Musical Theatre majors.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

Course Attributes:  
Artistic Experience

**MUS 012 - JAZZ THEORY/KEYBOARD**

A study of the fundamentals of jazz theory and development of basic jazz keyboard skills. Prereq.: MUS 1 and MUS 6.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate



Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

### MUS 013 - INTRO TO MUSIC EDUCATION

This course will explore the historical, philosophical, and social foundations of music education. Students will explore music learning theories, analyze national and state curriculum designs, and participate in a total of three hours of observation. One hour of observation of a music class will occur per one elementary school, one middle school, and one high school.

1.000 Credit hours

Levels: Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

LiveText (ED)

### MUS 021 - RECITALS

A required attendance course for all music majors.

0.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Music Department

### MUS 049 - PIANO LABORATORY III

Laboratory course for intermediate piano students with appropriate repertoire and theory content parallel to MUS 51 and 52. Prereq.: MUS 3 and MUS 7 or consent of instructor.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Music Department

### MUS 050 - PIANO LABORATORY IV

Continuation of MUS 49; laboratory course for intermediate piano students with appropriate repertoire and theory content parallel to MUS 53 and 54. Prereq.: MUS 49 and MUS 51 or consent of instructor.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Music Department

MUS 051 - MATERIALS OF MUSIC III

Study of the common practice period - 17th through 19th centuries; extensive written and analytic projects; study of musical structure through small forms. Prereq.: MUS 3.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 052 - MATERIALS OF MUSIC III

Correlated sight singing and aural perception skills. Prereq.: MUS 4.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 053 - MATERIALS OF MUSIC IV

An intensive study of music from the turn of the century to the present day, by means of extensive analysis and written projects. Prereq.: MUS 51.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

Course Attributes:  
Critical Thinking

MUS 054 - MATERIALS OF MUSIC IV

Correlated sight singing and aural perception skills. Prereq.: MUS 52.

1.000 Credit hours

1.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

**MUS 055 - JAZZ IMPROVISATION I**

A performance-based course, applying the theoretical concepts from Jazz Theory/Keyboard to the instrument. The major focus is learning to improvise on the blues and the ii-V-I progression. Prereq.: MUS 12.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

**MUS 056 - JAZZ IMPROVISATION II**

Continuation of study from Jazz Improvisation I, moving into altered harmonies, more contemporary scales, intervallic patterns, and compositions. Prereq.: MUS 55.

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

**MUS 058 - ADVANCED MIDI TECHNIQUES**

Continuation of MUS 57. Class members explore advanced MIDI applications and equipment in their own compositions. Final project is giving a public performance. This course may be repeated. Prereq.: MUS 57.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

**MUS 059 - ORCHESTRAL EXCERPTS**

This course provides a structured approach to preparing and performing orchestral excerpts in a class setting.

2.000 Credit hours

2.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

**MUS 061 - STRING METHODS AND MATERIALS**

Designed to give the student a thorough knowledge of the fundamental problems involved in teaching the string instruments; examination of teaching material. The student is required to attain a reasonable degree of proficiency as a player.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

#### MUS 062 - VOCAL METHODS AND MATERIALS

The development of singing skills and the presentation of vocal performance techniques, teaching methods and materials to the instrumental/general music education student. Required for students in the BME program with instrumental emphasis.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 065 - HIGH BRASS METHODS & MATERIALS

Performance techniques, methods, and materials for trumpet and horn.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

#### MUS 066 - LOW BRASS METHODS & MATERIALS

Performance techniques, methods, and materials for trombone, baritone, and tuba.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 067 - SGL REED & FLUTE METHDS/MATRLS

Performance and teaching techniques, methods, and materials for flute, clarinet, and saxophone.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

#### MUS 068 - DOUBLE REED METHODS

Performance and teaching techniques, methods, and materials for oboe and bassoon.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 071 - PERCUSSION METHODS & MATERIALS

Performance techniques, methods, and materials for percussion.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 075 - DICTION FOR SINGERS I

A study of the International Phonetic Alphabet and English and Italian diction. Required for BM voice majors.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 076 - DICTION FOR SINGERS II

A review of the International Phonetic Alphabet and study of French and German diction. Required for BM voice majors. Prereq.: MUS 75 and first-year or sophomore standing.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 078 - INTRO TO JAZZ

A study of the major periods of jazz and an examination of the important personalities and social events contributing to the development of jazz. Emphasis will be on developing listening skills that will allow the student to cultivate a lifelong appreciation of and interest in, America's Classical Music-Jazz. This course is d for students in all majors except for Music Majors. May not be enrolled in one of the following Majors: Church Music; Music w/Business emphasis; Music Education; Music Performance; Music

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

Course Attributes:  
Artistic Experience

### MUS 080 - MUSIC IN WESTERN CULTURE

Introduction to the literature and terminology of classical music. Class time is spent studying the background and construction of works and hearing them in live performances and recordings. Designed for non-music majors.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

Course Attributes:  
Artistic Experience

### MUS 081 - WORLD MUSIC FOR MUSIC MAJORS

This course is designed to familiarize students with music of the non-western world through an exploration of elements such as melody, rhythm, timbre, musical structure, and social function. Music from a variety of cultures is examined, including a mix of traditional and contemporary/ popular music of Africa, North America/African-America, Native America, India, Asia/Indonesia, East Asia/Japan, Latin America, Eastern Europe, and the Middle East. For Music Majors and Minors only.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

Course Attributes:  
Artistic Experience, Global and Cultural Understand

### MUS 082 - WORLD MUSIC - NON-MUSIC MAJORS

For Non-Music Majors. This course is designed to familiarize students with music of the non-western world through an exploration of the elements such as melody, rhythm, timbre, musical structure and social function. Music from a variety of cultures is examined, including a mix of traditional and contemporary/popular music of Africa, North America/African-American, Native American, India, Asia/Indonesia, East Asia/Japan, Latin America, Eastern Europe and the Middle East.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Music Department

Course Attributes:

Artistic Experience, Global and Cultural Understand, International & Multicultural

### MUS 085 - MUSIC HISTORY I

The history of music from ca. 800-1700, covering major works, styles, and composers of the Medieval, Renaissance, and Baroque eras. Prereq.: MUS 003.

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Music Department

Course Attributes:

Historical Foundations

### MUS 091 - PERFORMING ARTS MANAGEMENT

The Performing Arts Management course allows students to explore the arts as a business. Students will examine the structure, details, and complexities of the arts and entertainment industries and will gain practical experience as they work on a project throughout the semester. Overall, this course will assist students with the development of business-related knowledge and skills necessary for effectively maintaining a professional career in the arts. Areas of study will include: management, marketing, development, entrepreneurship, and copyright.

3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Music Department

### MUS 092 - ADVANCED KEYBOARD SKILLS

Laboratory course intended to develop and improve keyboard skills of the Bachelor of Music applied major and piano pedagogy major in sight reading, transposition, harmonization, and improvisation. Prereq.: MUS 51 and 52.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

### MUS 095 - MUSIC HISTORY II

The history of music from ca. 1700-1900, covering major works, styles, and composers of the late Baroque, Classical, and Romantic eras. Prereq.: MUS 051

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

### MUS 1-- - MUS UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Music Department

### MUS 102 - STRUCTURE AND DESIGN

Musical structure from 1750 to the present. A detailed study of large forms. Analytic projects further develop linear reduction techniques as well as analytic processes to deal with neoclassicism, pre- and post-serial atonality, and similar 20th-century compositional devices. Prereq.: MUS 53 and MUS 54.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

### MUS 104 - ORCHESTRATION

A study of the ranges, transpositions, and characteristics of string, wind, and percussion instruments with written projects for small instrumental ensembles.

3.000 Credit hours



Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

### MUS 105 - MUSIC HISTORY III

This history of music from ca. 1900, covering major works, styles, and composers of the Modern era. Coreq: MUS 107.

3.000 Credit hours  
3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

### MUS 106 - SYMPHONIC LITERATURE

Survey of symphonic literature as well as smaller instrumental ensembles from the Baroque era through the 20th century. Attention is given to the need of students to become familiar with repertoire featuring their own major instruments, plus their need to increase their familiarity with the standard repertoire in general.

2.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

### MUS 107 - ANALYSIS OF POST-TONAL MUSIC

Detailed study of representative post-tonal (20th- and 21st- century) compositions with emphasis on the prominent analytic approaches to the major composers and trends in composition; new notation and its realization in performance also are examined. Prereq.: Mus 53 and Mus 54.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

### MUS 108 - COMPOSITION

Original compositions for the piano or small groups of instruments. This course may be repeated up to a maximum of eight credit hours. Prereq.: MUS 53 and MUS 54 or consent of instructor.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 109 - PIANO LITERATURE TO 1800

Study of piano literature in the active repertoire from the Baroque to the Classical eras. Designed for the piano major. Offered alternate years.

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 110 - PIANO LITERATURE 1800-PRESENT

Study of piano literature in the active repertoire from the Classical era to the present. Designed for the piano major. Offered alternate years.

2.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 113 - PIANO STU TEACH TECH & MATERIA

Introduction of teaching techniques in a specialized field included selected methods and materials. Designed for piano majors and students pursuing a minor in piano pedagogy.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 114 - STUDIO TEACHING TECHNIQUES

A study of the special problems encountered in studio teaching. A discussion of educational methods and psychology as they may apply to the individual student. Designed primarily for the Bachelor of Music student.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

**MUS 116 - STRING LITERATURE**

Study of the great solo and ensemble literature written for stringed instruments. Prereq.: MUS 114 or consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

**MUS 117 - LITERATURE FOR TEACHING PIANO**

Practical application of class piano teaching, supervised by experienced studio teachers.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

**MUS 118 - STUDENT TEACHING OF PIANO**

Practical application of private studio teaching, supervised by experienced studio teachers.

1.500 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

**MUS 119 - MUSIC AND POLITICS**

This class will examine different ways in which music and politics intersect by studying reception history and music criticism, legal practices (particularly censorship law), business and patronage, ways in which music articulates identity (including race, religion, gender, or nationality), and the role of music as propaganda.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

Course Attributes:

Artistic Experience, Engaged Citizen, Honors Track Elective

**MUS 130 - DIRECTED INDEPENDENT STUDY**

Individual problems, conferences, outside reading, research, and written reports.

0.000 TO 6.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

Music Department

**MUS 133 - JAZZ ARRANGING/COMPOSITION**

Arranging and composing for small and large jazz ensembles. Proper notation, voicing, ranges and various combinations of the instruments and sections are studied. All work is done using music notation software. Projects are performed and recorded by one of the Drake Jazz Ensembles. Prereq.: MUS 56.

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Music Department

**MUS 134 - MARCHING BAND TECHNIQUES**

The organization, training, and music for marching bands in public schools. Precision marching techniques are emphasized, as well as traditional formation techniques. Arranging, instrumentation, charting, and drill techniques are covered.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Music Department

**MUS 135 - STUDIO TEACHING OF PIANO**

Sightreading of beginning to intermediate piano literature and methods, including analysis of learning problems encountered by students. Prereq.: MUS 115.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Music Department

## MUS 137 - CHORAL WORKSHOP

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

## MUS 140 - VOCAL LITERATURE

A survey of the basic vocal repertoire and materials suitable for teaching and program building.

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

## MUS 142 - TEACHING PIANO II

Continuation of MUS 135. Prereq.: MUS 135 or consent of instructor.

1.000 TO 2.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

## MUS 143 - GUITAR ENSEMBLE

1.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

## MUS 144 - JAZZ RECORDING TECHNIQUES

The study and practice of good sound recording techniques. Work on state-of-the-art ADAT 24-track recording equipment in an actual recording studio. Prereq.: MUS 133.

2.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 145 - JAZZ ENSEMBLE

Rehearsal and performance of music written for the jazz ensemble. Open to students throughout the University. Membership is by audition. Does not substitute for MUS 148, 149, or 150. Three hours rehearsal per week.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 146 - TECHNIQUES IN JAZZ PERFORMANCE

A study of jazz in the secondary music program, including improvisation, style, arrangements, instrumentation and organization. Designed for the Bachelor of Music Education major.

2.000 Credit hours

2.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

MUS 147 - ENSEMBLE WITH PIANO

Prereq.: Consent of instructor.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 148 - BAND

See "University Musical Organizations."

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 149 - DRAKE CHOIR

See "University Musical Organizations."

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 150 - ORCHESTRA

See "University Musical Organizations."

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 151 - MUSIC WORKSHOP

Selected topics.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 154 - VOCAL PEDAGOGY

A study of the physiological aspects of voice production with emphasis on the adolescent voice and procedures that help young singers gain control of the vocal mechanism. Required of Bachelor of Music voice majors and Bachelor of Music Education choral/general classroom emphasis majors.

2.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

#### MUS 155 - TECH JAZZ/SHOW CHOIR

The study of repertoire selection, teaching strategies, and management of successful jazz and show choirs. On-site observations of jazz and show choirs at the secondary level; weekly class meetings. Prereq.: Senior standing in the choral/general music education curriculum.

2.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 156 - ELEM VOCAL-GEN MUS EDUC (K-6)

This course presents opportunities to become acquainted with contemporary approaches to teaching elementary school general music. The value, nature and substance of a meaningful musical education for all children will be investigated. Opportunities will be provided to explore, create, and practice appropriate teaching techniques. Open to music education majors only.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 157 - ORCH PERFOR IN ELEM & SEC SCH

This course covers the philosophical, pedagogical, and administration of a successful orchestra program from elementary through secondary levels. Students will gain understanding of the New Standards for Music Education as they apply to ensemble courses, develop curricular materials, and explore assessment models in a student-centered classroom.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 158 - SECONDARY VOCAL-GEN MUSIC EDUC

A study of secondary vocal-general music education designed to provide students the opportunity to acquire practical strategies necessary for successful careers teaching in secondary choral programs. Emphasis is on recruitment and retention of choir members, instructional planning; administrative responsibilities; and adolescent personality and musical behaviors. Course activities are structured around readings and discussions, public school observations and clinical teaching experiences.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

#### MUS 159 - INSTR PERFOR IN ELEM & SEC SCH

A study of the organizational structure and rehearsal techniques of the elementary and secondary school instrumental program. Topics include methods and materials, literature, administrative procedures, rehearsal



structure, and educational ethics.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

#### MUS 160 - SPECIAL TOPICS IN MUSIC

Specialized study and/or discussion of selected topics in music. The course may focus on important historical, theoretical, educational, or performance issues, among others.

1.000 TO 3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 161 - INSTRUMENTAL CONDUCTING

Study of the many elements that are essential to successful conducting, including score reading, baton technique, and problems found in directing student groups. The class members themselves comprise the laboratory ensemble.

2.000 Credit hours

2.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

#### MUS 162 - PLAN & ASSESSMENT MUSIC ED

This course is designed to provide students with the opportunity to become familiar with traditional and alternative approaches to assessment within the context of unit and daily lesson planning in music education. Areas of emphasis include the vocabulary of assessment, the CMP model, the domains of learning and the National Standards for Music Education.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Music Department

#### MUS 163 - CHORAL CONDUCTING

Introduction to the fundamentals of conducting. The course focuses on the development of gestural technique, score preparation, and baton and rehearsal techniques. A laboratory choir is used regularly for in-class conducting as well as the final conducting project. Laboratory performance sessions.

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 164 - SURVY ORCH INSTR FOR VOCAL ED

This course will give vocal music education majors a basic understanding of orchestral instruments. The course will emphasize a working knowledge of each instrument's means of tone production and unique characteristics, techniques for dealing with rehearsal problems associated with each instrument and the needs of players in each family of instruments. Pre-req: MUS 163

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

#### MUS 165 - PROFESSNL INTERNSHIP IN MUSIC

A cooperative, supervised work experience that provides training in a field related to the student's major. The amount of credit earned is related to the time devoted to the project. Prereq.: Junior or senior music/music business major. Other music majors may enroll but may not use the credit towards graduation requirements.

0.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Music Department

#### MUS 166 - ADVANCED CHORAL CONDUCTING

Continuation of MUS 163, which is prerequisite to this course. The course is designed to refine the student's skills in conducting technique, score preparation, rehearsal technique and repertoire selection. The course focuses on the role of the conductor in rehearsal and performance, repertoire of the Renaissance through the 20th century, and the development of choral tone. Prereq.: MUS 163.

2.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

### MUS 167 - JUNIOR RESEARCH SEMINAR

The study of bibliographical procedures in preparation for writing the senior thesis.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Music Department

### MUS 168 - SENIOR THESIS

The supervised writing of a substantial scholarly paper reflecting the current state of research in the chosen area of study.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Music Department

### MUS 169 - OPERA THEATRE WORKSHOP

The techniques of the musical theatre, consisting of lectures, exercises, musical and dramatic study of operatic scenes, and actual performances of complete works. Prereq.: Consent of instructor. Audition is required before registration.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

### MUS 170 - PIANO

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Music Department

### MUS 171 - VOICE

1.000 TO 6.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed  
All Sections for this Course

Music Department

### MUS 171L - VOCAL COACHING

This laboratory course, in conjunction with MUS 171, Studio Voice, is designed to provide additional instruction to voice majors in the areas of musicianship, language and performance to further prepare them for the professional world. Students will gain knowledge and strive for competency in the following areas: character interpretation and stage deportment; score study; interpretation of the music according to tradition, period, style, etc. (musical context); language and text comprehension; diction and foreign language skills (classical singing languages -- Italian, German, French); assistance with ornamentation and variations consistent with period and tradition; study of recitativo (in particular, XVII-XIX Century Italian recitativi); preparation for auditions and performance.

0.000 Credit hours

0.000 Lecture hours

0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Music Department

### MUS 172 - ORGAN

1.000 TO 6.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Music Department

### MUS 173 - VIOLIN

1.000 TO 6.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

All Sections for this Course

Music Department

### MUS 174 - CELLO

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Music Department

MUS 175 - TRUMPET

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 176 - FLUTE

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 177 - PERCUSSION

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Music Department

MUS 178 - CLARINET

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 179 - OBOE

1.000 TO 6.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 180 - HARPSICHORD

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 181 - CHAMBER ENSEMBLE

Performance of the music literature for any or all combinations of keyboard, wind, string and percussion instruments and/or voice. Public performance possible but not required. Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours  
1.000 TO 3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Music Department

MUS 182 - VIOLA

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Music Department

MUS 183 - JAZZ PIANO

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 184 - JAZZ BASS

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 185 - BASSOON

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 186 - SAXOPHONE

1.000 TO 6.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 187 - FRENCH HORN

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 188 - TROMBONE

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 189 - EUPHONIUM

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 190 - HARP

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 191 - TUBA

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 193 - STRING BASS

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 194 - CLASSICAL GUITAR

1.000 TO 6.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 195 - MUSIC EDUCATION WORKSHOP

Intensive study and survey of music methods and materials that affect the modern character of music education in a changing curriculum. Emphasis is placed on the concepts of learning and teaching music and the use of teaching aids.

2.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed



Music Department

MUS 196 - JAZZ GUITAR

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 197 - JAZZ WIND

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

MUS 198 - JAZZ WIND INSTRUMNTS

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Music Department

NSCI 0-- - NSCI LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Psychology Department

NSCI 001 - INTRO TO NEUROSCIENCE

This course explores the core concepts of the interdisciplinary field of neuroscience. Emphasis is placed on cellular mechanisms, neurotransmission, human brain anatomy, sensory physiology, the motor system, emotion, sleep, cognitive neuroscience, and psychopathology. Although a comparative perspective is taken, human neuroscience is emphasized. This course serves as preparation for many advanced neuroscience courses.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

Course Attributes:  
Life Science

#### NSCI 010 - RESEARCH METHODS IN NEUROSCI

An overview of current methodologies used to study neural processes and behavior. Topics include electrophysiology, neuroanatomy, stereology, cellular and molecular neuroscience, genetic manipulations, and imaging approaches. Prereq: NSCI 001.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### NSCI 095 - SPECIAL TOPICS IN NEUROSCIENCE

This is a special topics course in neuroscience designed to introduce students to a specific area of neuroscience. Prerequisites: NSCI 001, NSCI 010, or permission of instructor.

1.000 TO 4.000 Credit hours  
1.000 TO 4.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

#### NSCI 1-- - NSCI UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Psychology Department

#### NSCI 126 - NEUROCHEMISTRY

This course focuses on the chemical and molecular basis of neural transmission in the brain. Topics include mechanisms of neurotransmitter synthesis, vesicular packaging and release, signaling through ionotropic and metabotropic receptors, intracellular signaling mechanisms, hormones and growth factors, synaptic plasticity, and the neurochemical underpinnings of selected psychiatric and neurological disease.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### NSCI 127 - BEHAVIOR GENETICS

This course provides an overview of the field of behavior genetics, with special emphasis given to the use and interpretation of animal models in behavioral genetic research. Prereq: BIO 012 or NSCI 001. Cross listed with PSY 127 and BIO 107.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### NSCI 150 - FUNCTIONAL NEUROANATOMY

This course provides an overview of central nervous system anatomy, with an emphasis on how localized damage to the brain and spinal cord produce impairments in sensation, movement, emotions, and memory.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### NSCI 151 - HISTORY OF NEUROSCIENCE

Neuroscience formally emerged from psychology and physiology as a strongly interdisciplinary field in the 1960s. Contemporary neuroscience draws upon the disciplines of neurophysiology, psychology, biochemistry, molecular biology, pharmacology and medicine, and therefore shares much of the history of those fields. This course will examine the roots of neuroscience in pre-Renaissance philosophy and medicine, and trace the origins of neuroscientific thought from the Renaissance through the 20th century. The course will emphasize the inter-connections between physiology, philosophy and ultimately psychology that shared the goals of understanding the mind body problem and the role of nativism and empiricism. This course serves as a capstone course in the neuroscience major and will involve significant discussion requirements as well as written and oral presentation assignments.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### NSCI 190 - INDEPENDENT STUDY IN NEUROSCI

Students actively participate in the design, execution, analysis, or interpretation of research relevant to neuroscience. The specific content of the course varies with the student and instructor. The workload depends on the number of credit hours for which the student has enrolled, but corresponds to the University guideline of approximately 3 hours per week per credit hour enrolled. Prereq: Nine hours of psychology, biology, neuroscience, or any combination of these, and written consent of instructor.

1.000 TO 3.000 Credit hours  
1.000 TO 3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

#### NSCI 190C - INDEPENDENT STUDY CAPSTONE

An independent neuroscience research project that culminates in a formal research paper or presentation. Prereq: junior standing as a neuroscience major, 22 credit hours in neuroscience major coursework including preparatory courses, and approval of the faculty supervisor and department chair.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

#### NSCI 191 - INDEPENDENT STUDY IN NEUROSCI

Students actively participate in the design, execution, analysis, or interpretation of research relevant to neuroscience. The specific content of the course varies with the student and instructor. The workload depends on the number of credit hours for which the student has enrolled, but corresponds to the University guideline of approximately 3 hours per week per credit hour enrolled. Prerequisites: Nine hours of psychology, biology, neuroscience, or any combination of these, and written consent of instructor.

1.000 TO 3.000 Credit hours  
1.000 TO 3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

#### NSCI 191C - INDEPENDENT STUDY CAPSTONE

An independent neuroscience research project that culminates in a formal research paper or presentation. Prereq: Junior standing as a neuroscience major, 22 credit hours in neuroscience coursework including preparatory courses, and approval of the faculty supervisor and department chair.

0.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

Psychology Department

### NSCI 192 - INTERNSHIP

Students work in an applied setting where they develop skills learned in neuroscience. Prereq: Junior standing as a neuroscience major or minor, 12 credit hours in neuroscience major courses including preparatory courses, 2.80 grade point average, and approval of the faculty internship supervisor and department chair.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

### NSCI 192C - INTERNSHIP CAPSTONE

Students work in an applied setting where they develop skills learned in neuroscience and complete a comprehensive research project relating the internship activity to an area of knowledge in neuroscience. Prereq: Junior standing as a neuroscience major, 22 credit hours in neuroscience major courses including preparatory courses, 2.80 grade point average, and approval of the faculty internship supervisor and department chair.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

### NSCI 195 - SPECIAL TOPICS SEMINAR

A variable topics course designed to introduce students to advanced topics of contemporary significance in neuroscience. Course credit varies with extensiveness of topic. Prereq: NSCI 001, NSCI 010, or permission of instructor.

1.000 TO 4.000 Credit hours  
1.000 TO 4.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Psychology Department

### NSCI 198 - RESEARCH SEMINAR

This course is a research seminar in which students will actively participate in a research project relevant to neuroscience. Instructor approval is required.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

#### NSCI 90 - INDEPENDENT STUDY

Directed independent study that introduces students to techniques and skills that are necessary to conduct advanced research (NSCI 190/191).

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

#### NSCI 91 - INDEPENDENT STUDY

Directed independent study that introduces students to techniques and skills that are necessary to conduct advanced research (NSCI 190/191).

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

#### OTD 0102 - PSYCHOSOCIAL DEV & APPL.

4.000 Credit hours  
4.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

#### OTD 105L - APPLIED NEUROSCIENCE I LAB

Laboratory experience that accompanies OTD 105

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab, Web Instructed

#### OTD 106 - APPLIED NEUROSCIENCE II

The second course in the neuroscience series covering the influence of nervous system functioning on participation in occupations. Students gain knowledge into how engagement in occupations and activities of meaning shape brain function. Critical thinking is utilized in the application of historical and emerging practice theories and literature within the field of neuroscience.

4.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:

Community Engaged Learning

OTD 106L - APPLIED NEUROSCIENCE II LAB

Laboratory experience that accompanies OTD 106.

0.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lab, Web Instructed

Occupational Therapy Department

OTD 121L - OBP I: OT PROCESS LAB

Laboratory experience that accompanies OTD 121

0.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lab, Web Instructed

Occupational Therapy Department

OTD 124 - OBP IV: AGING ADULTS

The fourth in the series of courses addressing occupation- based practice with an emphasis on aging adults, building from the foundation of previous coursework addressing occupational therapy knowledge and skills for clinical reasoning for working with adults, children, and adolescents. Foundational knowledge about aging adults is also addressed. Assessment, intervention, and life transitions specific to the aging adult population will be addressed. Typical late life changes in body systems and function and their impact on client factors, roles, relationships, interests, context, performance skills and patterns will be a focus.

4.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

OTD 124L - OBP IV: AGING ADULTS LAB  
Laboratory experience that accompanies OTD 124

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab, Web Instructed

Occupational Therapy Department

OTD 125 - OBP V: HLTH, WELLNS, WELL-BNG

The fifth in the series of courses addressing occupation based practice with an emphasis on wellness and well-being. Students gain an understanding of how active participation in valued occupations supports health, life satisfaction, and maintenance of functional abilities. This course addresses the influences of occupational engagement on injury prevention, risks for disease development, general malaise, and diseases of meaning [includes anxiety and depression]. Special attention will be given to population health, wellness, service disparities, and those at risk for occupational injustice.

4.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

OTD 125L - OBP V: WELLNESS, WELL-BNG LAB  
Laboratory experience that accompanies OTD 125

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab, Web Instructed

OTD 126 - OBP VI: POPULATION HEALTH

This is the sixth in the series of courses addressing occupation-based practice with an emphasis on population health. Students gain the ability to complete needs assessment at the population level and develop intervention to address societal needs. This will cover direct, indirect, consultative, advocacy, and leadership models of practice. Occupational therapy's role in policy development to support population, public, and community health are addressed.

4.000 Credit hours



Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

#### OTD 133 - OTPS III: DES, ADPV EQUIP, MOB

Third course in the series on occupational practice skills. This laboratory-based course teaches fundamentals of universal design, adaptive equipment, and community mobility for initiating, maintaining, or increasing engagement in occupations. Students gain clinical reasoning and practice skills to select, adapt, or construct adaptive equipment that address environmental contexts.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

#### OTD 134 - OTPS IV: ERGCS, PAMS, ADV TECH

This is the fourth course in the series on occupational practice skills. This laboratory-based course teaches use of assistive technologies prescribed and designed to optimally enable people to engage in everyday occupations. Potential funding and reimbursement sources are addressed. Topics include the prescription and use of high-tech assistive technology such as: brain interfaces, eye-blink systems, virtual reality, Wii and gaming systems, environmental control units, animal assistance, augmentative and alternative communication [ACC], switch devices, specialized communication devices [phones], and robotics.

4.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

#### OTD 134L - OTPS IV: ERG PAMS ADV TECH LAB

Laboratory experience that accompanies OTD 134

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab, Web Instructed

#### OTD 135 - OTPS V: EXPL SPEC PRAC AREAS

This is the final course in the series on occupational practice skills. This laboratory-based course covers knowledge of specialty areas of driving and community mobility, school systems, early intervention, telehealth, and feeding, eating, and swallowing. Students will have a view toward emerging practice areas within the profession of occupational therapy.

4.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

#### OTD 135L - OTPS V EXP SPEC PRAC AREAS LAB

Laboratory experience that accompanies OTD 135

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab, Web Instructed

Occupational Therapy Department

#### OTD 143 - ROT III: EXPERIMENTAL RESEARCH

The third course in the research and scholarship series designed to provide the entry-level occupational therapist with the skills necessary for research and evidence-based practice. Students will learn data analysis skills for qualitative and quantitative studies.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

#### OTD 144 - ROT IV: CRITICAL ANALYSIS

The fourth course in the research and scholarship series designed to provide the entry-level occupational therapist with the skills necessary for research and evidence-based practice. Students will develop critical thinking skills to evaluate professional literature in support of evidence-based practice.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

#### OTD 145 - ROT V: SCHOLARSHIP OF APPLICAT

The fifth course in the research and scholarship series designed to provide the entry-level occupational therapist with the skills necessary for research and evidence-based practice. Students engage in the process of oral and written dissemination of scholarly work.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

#### OTD 152 - MANAGEMENT & ADMINISTRATION

This course will provide an overview of management, program and staff development and assessment. Students will be able to identify and evaluate contextual factors and their impact on clinical practice. Students are responsible for developing a program or business plan and corresponding marketing materials. The program may be related to a variety of content areas such as occupational therapy services, professional development, societal change and strategic planning, professional and staff development, changing models and emerging models of practice, practices for ethical and legal decision making.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

#### OTD 153 - INDEPENDENT STUDY

This course is designed to provide Drake University Occupational Therapy Doctoral students additional opportunities to advance learning and practice skills in a selected specialty area. Students must self-select a specialty area of their choice with faculty guidance, and the topic must be relevant to occupational therapy practice and include a reasonable plan with adequate resources for completion. Student will design their own objectives with a faculty mentor and propose a deliverable product to demonstrate the outcome of their experience [e.g. paper, project, poster, resource manual, etc.]. The final product must be useable by others who may have a similar interest. Students may seek outside coursework for advanced certifications with faculty approval.

1.000 TO 4.000 Credit hours  
1.000 TO 4.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Independent Study, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

OTD 153L - INDEPENDENT STUDY 1 LAB  
Laboratory experience that accompanies OTD 153

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab, Web Instructed

Occupational Therapy Department

OTD 154 - ADVOCACY & LEADERSHIP

This course is a review of the most recent literature and trends in the areas of advocacy and leadership. Students will gain the ability to design quality improvement measures and program changes to impact quality of services and administrative changes. Advanced clinical reasoning will allow students to develop strategies for emerging practice areas to respond to society's changing needs.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

OTD 155 - PROFESSIONAL PRACTICE SEMINAR

This course is designed to orient the student to professional practice in the field of occupational therapy. The course will cover the entire spectrum of what is required for professional conduct, including but not limited to ethics, certification vs. registration vs. licensure, national organizations, state regulatory boards, local and state professional chapters, the fieldwork assessment process, basic format of the National Board Certification of Occupational Therapy [NBCOT] examination and development of lifelong learning skills. The course will also incorporate final preparations for Level II Fieldwork and the Doctoral Experience, which will occur consecutively following the completion of this sixth semester.

1.000 Credit hours  
1.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

## Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

### OTD 156 - INDEPENDENT STUDY 2

This course is the second in a series of two independent study courses designed to provide Drake University Occupational Therapy Doctoral students additional opportunities to advance learning and practice skills. Students will utilize critical thinking and self- exploration to design objectives and activities in a topic area of interest. This course focuses on the students pursuing lifelong professional development.

2.000 Credit hours  
2.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Independent Study, Web Instructed

## Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

### OTD 163 - LEV 1C FDEF

This course is the third in a series of Level I fieldwork experiences and is essential in introducing students to the OT scope of practice in a range of practice settings. The student will integrate and apply knowledge and understanding from didactic and laboratory coursework in authentic practice environments and settings in a one-week experiential component supplemented with professional guidance in the classroom. Level I experiences are integral to Drake University's OTD Program curricular design and include direct observation and participation in selected aspects of care. Students' Level I experiences in this course will focus on intervention and discharge planning and may be related to occupational therapy service delivery or may be under the supervision of qualified professionals in a variety of practice environments to enhance student understanding. Additionally, students will complete coursework to help them develop a plan for experiential education throughout the curriculum. Classroom time will also be utilized to introduce them to concepts of professional practice.

1.000 Credit hours  
1.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

## Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

### OTD 164 - LEV 1D FDEF

This course is the fourth in a series of Level I fieldwork experiences and is essential in introducing students to the OT scope of practice in a range of practice settings. The student will integrate and apply knowledge and understanding from didactic and laboratory coursework in authentic practice environments and settings in a one-week experiential component supplemented with professional guidance in the classroom. Level I experiences are integral to Drake University's OTD Program curricular design and include direct observation and participation in selected aspects of care. Students' Level I experiences in this course will focus on identifying a need of a practice or population served and proposing opportunities for development. Experiences may be related to occupational therapy service delivery or be under the supervision of qualified professionals in a variety of practice environments to enhance student understanding. Additionally, students will complete coursework to help them develop a plan for experiential education throughout the curriculum. The classroom time will also be utilized to introduce concepts of professional practice.

1.000 Credit hours  
1.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

#### OTD 165 - LEVEL IIA FIELDWORK

This course is the first in a series of Level II fieldwork experiences and is essential to Drake University's OTD Program curricular design for developing professional competency in clinical practice. Students will enhance clinical reasoning and proactive, reflective, and ethical practice through an in-depth experience during supervised provision of care. "The goal of Level II fieldwork is to develop competent, entry-level, generalist occupational therapists." [American Occupational Therapy Association [AOTA], 200, p. 35]. Dependent on each fieldwork site, delivery of occupational therapy services will occur in a variety of settings, working with people throughout the lifespan. Students will be supervised by a currently licensed or otherwise regulated licensed occupational therapist with at least one year full-time [or its equivalent] of clinical experience and an understanding of the fieldwork process. [ACOTE: C.1.14] Students are responsible for all aspects of occupational therapy service delivery in the assigned Level II fieldwork setting. Each fieldwork experience is designed for completion over 12 weeks [full-time] at designated sites [ACOTE: C.1.13].

12.000 Credit hours  
12.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:  
Community Engaged Learning

#### OTD 166 - LEVEL IIB FIELDWORK

This course is the second in a series of Level II fieldwork experiences and is essential to Drake University's OTD Program curricular design for developing professional competency in clinical practice. Students will enhance clinical reasoning and proactive, reflective, and ethical practice through an in-depth experience during supervised provision of care. "The goal of Level II fieldwork is to develop competent, entry-level, generalist occupational therapists." [American Occupational Therapy Association [AOTA], 2011, p.35]. Dependent on each fieldwork site, delivery of occupational therapy services will occur in a variety of settings, working with people throughout the lifespan. Students will be supervised by a currently licensed or otherwise regulated licensed occupational therapist with at least one year full-time [or its equivalent] of clinical experience and an understanding of the fieldwork process. [ACOTE: C.1.14] Students are responsible for all aspects of occupational therapy service delivery in the assigned Level II fieldwork setting. Each fieldwork experience is designed for completion over 12 weeks [full-time] at designated sites [ACOTE: C.1.13].

12.000 Credit hours

12.000 Lecture hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

Course Attributes:

Community Engaged Learning

OTD 169 - LEVEL 1 REMEDIATION

0.000 TO 2.000 Credit hours

Levels: Professional Health Care

Schedule Types: Independent Study, Lecture

Occupational Therapy Department

OTD 170 - DOCTORAL CAPSTONE PREPARATION

The doctoral capstone is an integral part of the occupational therapy curriculum. The goal of the doctoral capstone is to provide an in-depth exposure to one or more of the following: clinical practice skills, research skills, administration, leadership, program and policy development, advocacy, education, and theory development. This course facilitates planning and development of the Doctoral Capstone. Students will learn to become practitioners who analyze current clinical practice, conduct a needs assessment, and begin to synthesize evidence from current literature and clinical practice courses for Doctoral Capstone planning. Professional development, professionalism and life-long learning is emphasized within the course.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

OTD 171 - DOCTORAL CAPSTONE EXPERIENCE

This course is an in-depth Doctoral Capstone in which the student applies advanced knowledge to the practice of occupational therapy and develops advanced skills (beyond a generalist level) in one or more of the following selected areas: clinical practice, research, leadership, program policy and development, advocacy, education, and theory development. In relationship to the Drake University OTD curriculum, students will select and apply a portion of the following themes from the curricular threads: professional responsibility and scholarship, collaborative community engagement, occupation across the lifespan, and professional identity. Students will produce a culminating project, which will be used to report their application of advanced knowledge throughout the Doctoral Capstone.

14.000 Credit hours

Levels: Professional Health Care

Schedule Types: Independent Study, Web Instructed

Occupational Therapy Department

### OTD 201 - THEORETICAL FOUNDATIONS OF OT

This course explores the history of the profession and key historical and sociological factors that have shaped the evolution of occupational therapy practice and education. This course will cover the philosophical base of occupational therapy, development of the American Occupational Therapy Association, the Centennial Vision and Vision 2025 giving insight to the national vision for the profession. This course will include an overview of the Eleanor Clarke Slagle lectures and the significant messages the lecturers provide to the profession. Students will be introduced to various frames of references and conceptual practice models which provide foundational knowledge for practice.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

### OTD 203 - INTRO OCCUP THERAPY PROCESS

This course will provide students with a basic understanding of occupational therapy practice using the Occupational Therapy Practice Framework to understand the value of occupations as a domain of expertise and the continuum of care process to promote health. This course provides a foundational understanding of health literacy and how to adapt practice to improve health for individuals, communities, and populations. Students develop foundational skills for completing an occupational profile through interviewing skills, screening, assessment, and documentation. Students will be introduced to the concept of occupational therapy services delivered in group and concurrent session.

4.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

### OTD 207 - HEALTH, WELLNESS & WELLBEING



Foundational course addressing occupation-based practice with an emphasis on self and its impact on individual health, wellness, and wellbeing. Students gain an understanding of how active participation in valued occupations supports their own health, life satisfaction, and maintenance of functional abilities and in turn impacts these areas in future client groups. Application of therapeutic use of self as it applies to self and to future clients is explored. This course addresses the influences of occupational engagement on injury prevention and risks for disease development. Special attention will be given to health literacy, community health, wellness, service disparities, and those at risk for occupational injustice.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

### OTD 209 - NEUROSCIENCE

An introductory course providing the foundation for understanding how the central and peripheral nervous systems supports function and participation in human engagement in occupation. Traditional brain-based sensory, motor, and cognitive processing will be covered. This course focuses on cognition and emotional systems of the brain as foundational for occupational participation. Major pathologies and irregularities of the nervous system as encountered in the US will be covered.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

### OTD 209L - NEUROSCIENCE LAB

Laboratory experience that accompanies OTD 209.

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab, Web Instructed

Occupational Therapy Department

### OTD 210 - CLIN CONDITNS ACROSS LIFESPAN

This course provides an overview of the clinical conditions that are commonly seen in the practice of occupational therapy across the lifespan. Students will learn disease epidemiology signs, symptoms, pathophysiology, psychopathology, disease course and prognosis. Genetic conditions, heritable diseases, disabilities, and traumatic injury will also be discussed. The body structural and functional deficits which result from each condition and their impact on client factors, performance skills and patterns, within a patient's context and environment will be applied to practice. The role of health promotion and disease prevention will be discussed.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

#### OTD 211 - HUMAN MOVEMENT AND OT

This course is the study of human posture and movement, focusing on the musculoskeletal system and dynamics of stability and mobility. Students will demonstrate knowledge and understanding of human movement in the context of occupational performance. Students will develop foundational knowledge of evaluation skills for human movement in relation to occupation.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

#### OTD 211L - HUMAN MOVEMENT AND OT LAB

Laboratory experience that accompanies OTD 211.

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab, Web Instructed

Occupational Therapy Department

#### OTD 219 - NEURO-REHABILITATION

The second course in the neuroscience series continues to cover the central and peripheral nervous system and the impact on functioning and participation in occupations. Students gain knowledge into how engagement in occupations and activities of meaning shape brain function and influence the occupational therapy process. Critical thinking is utilized in the evolution of practice theories and interventions within the field of neuroscience.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

#### OTD 219L - NEURO-REHABILITATION LAB

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab

## Occupational Therapy Department

### OTD 220 - HEALTH CARE POLICY AND ADVOCAC

This course provides an overview of the current and changing health care systems and policies in the US, including history, current status, current changes and future trends. Students will gain the ability to analyze state and federal systems and regulations' impact on service delivery. This course will examine the ways that the socio-political environment influences patients and health care providers' behavior during the health care process. At the health system level, students will critique financing incentives and how organizational constraints place pressures on care provision. Finally, students will investigate the ways that culture and beliefs create expectations and place demands on the use of health care services. A combination of lecture, discussion of assigned reading material, in-class activities, group work and reflection papers are used to facilitate comprehension of course material.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

## Occupational Therapy Department

### OTD 227 - PSYCHOSOCIAL APPLICATION TO OT

This course explores psychosocial development and acquired mental health impairments across the lifespan. The focus is on how mental illness and psychosocial challenges impact individuals' ability to engage in occupation. The student gains knowledge and skills in understanding and apply psychosocial frames of reference to occupational therapy practice. Students learn psychosocial assessment and intervention strategies, to include group process and designing occupation-based interventions that promote psychosocial well-being with various client populations. Therapeutic use of self and various communication strategies will be further developed. The relationship between the impact of psychosocial health on physical health and physical health on mental health are discussed. The application of psychosocial occupational therapy is critically examined in various practice areas.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

## Occupational Therapy Department

### OTD 227L - PSYCHOSOCIAL APPL TO OT LAB

This course explores psychosocial development and acquired mental health impairments across the lifespan. The focus is on how mental illness and psychosocial challenges impact individuals' ability to engage in occupation. The student gains knowledge and skills in understanding and apply psychosocial frames of reference to occupational therapy practice. Students learn psychosocial assessment and intervention strategies, to include group process and designing occupation-based interventions that promote psychosocial well-being with various client populations. Therapeutic use of self and various communication strategies will be further developed. The relationship between the impact of psychosocial health on physical health and physical health on mental health are discussed. The application of psychosocial occupational therapy is critically examined in various practice areas.

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab

Occupational Therapy Department

#### OTD 228 - RESEARCH I

In this course, students develop foundational research, scholarly writing, and data analysis skills for occupational therapy education and practice. The focus of this course is the development of research, including writing a research proposal, conducting a literature review, and choosing appropriate quantitative and qualitative research methods.

4.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Independent Study, Lecture, Web Instructed

Occupational Therapy Department

#### OTD 229 - OT SKILLS AND ADAPTATIONS

This lecture-based course with labs will introduce students to acute care and hospital-based occupational therapy practice. Students will learn about basic hospital procedures, commonly seen diagnoses, and usual occupational therapy treatment. Students will demonstrate competency in monitoring vital signs and safe patient handling practices through competency skills checks. Students will also learn about patient and family collaboration through patient education practices.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Occupational Therapy Department

#### OTD 229L - OT SKILLS AND ADAPTATIONS LAB

This lecture-based course with labs will introduce students to acute care and hospital-based occupational therapy practice. Students will learn about basic hospital procedures, commonly seen diagnoses, and usual occupational therapy treatment. Students will demonstrate competency in monitoring vital signs and safe patient handling practices through competency skills checks. Students will also learn about patient and family collaboration through patient education practices.

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab

Occupational Therapy Department

#### OTD 261 - LEVEL 1A FIELDWORK

This course is the first in a series of Level I fieldwork experiences and is essential in introducing students to the occupational therapy scope of practice in a range of practice settings. The student will integrate and apply knowledge and understanding from didactic and laboratory coursework in authentic practice environments and settings in a one-week experiential component supplemented with professional guidance in the classroom.

Level I experiences are integral to Drake University's OTD Program curricular design and includes direct observation and participation in selected aspects of care. Students' Level I experiences in this course will focus on client factors and psychosocial development, and may be related to occupational therapy service delivery or may be under the supervision of qualified professionals in a variety of practice environments to enhance student understanding.

1.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lab, Lecture, Web Instructed

Occupational Therapy Department

PADM 1-- - PADM UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

Public Admin Department

PADM 198 - SELECTED TOPICS IN PUB. ADMIN.

Timely or innovative course in public administration. Not scheduled regularly.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Public Admin Department

PADM 200 - HARKIN SEMINAR SERIES

Courses within the Harkin Seminar Series are designed to provide students with increased exposure to specialized topics and current issues. The course may be repeated several times as long as the topic is not repeated.

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Public Admin Department

PADM 221 - ORG PROCESSES & ADMIN SYSTEMS

Focus is on the management of individuals and groups in the ethical pursuit of organizational effectiveness. The course will emphasize theories and contemporary issues surrounding behavior of organizational members as individuals and as members of work teams. Also covered will be the roles, problems and tools of

management through topics such as self-directed work teams, leadership, organizational design, organizational change and performance management. Prereq.: MPA 215 or its equivalent, consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Public Admin Department

#### PADM 230 - INDEPENDENT STUDY

Advanced individual study or research under the supervision of the faculty.

1.000 TO 6.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

Public Admin Department

#### PADM 240 - PUBLIC BUDGETING/FINANCE MGMT

An investigation of (1) financial institutions and practices, including budgeting public funds and the political constraints on their operation; (2) revenue sources, including taxation, charges and fees, and intergovernmental financial transactions; (3) financial management techniques such as the administration of government debt, idle cash, risk management, purchasing and management. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Public Admin Department

#### PADM 250 - ADMINISTRATIVE EVIL

The rancor and turmoil of the last few years underscores the need for a civil public discourse regarding policy and the relationship that our societal organizations (including governments, businesses and not-for profits) have with citizens. Policy decisions, implementation and the bureaucracy that drives them weave throughout society including for profit and not-for profit entities and governments. In many cases, these policies have unintended consequences that may not be fully realized until they are implemented and in some cases after they have expired. In other cases, the policies themselves are designed to be somewhat obtrusive. This course explores the evolution and implications of public policies and their outcomes - both the intended and unintended. Prereq: Graduate standing and consent of Assistant Dean, Graduate Programs, College of Business & Public Administration.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

Public Admin Department

### PADM 270 - FOUNDATIONS OF NONPROFIT ORGS

This course (1) provides an interdisciplinary perspective on the historical, philosophical, and theoretical foundations, of the American nonprofit (or third, voluntary, or plural) sector; (2) includes an overview of the size, scope, and composition of the sector, as well as the political, economic, and social environments in which such organizations operate; and (3) offers students the opportunity to understand the sector's evolution, distinctiveness, and capacities. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Public Admin Department

### PADM 273 - NONPROFIT MANAGEMENT

This course examines issues, strategies, and techniques related to leadership, governance, and management in nonprofit organizations. The course addresses numerous matters related to effective nonprofit management and is designed to provide a broad overview of the many challenges faced by those employed in the third sector. These issues include, but are not limited to, financial management, volunteer management, communications and marketing, and accountability and evaluation. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Public Admin Department

### PADM 280 - MGING ACROSS SECTOR BOUNDARIES

It is now commonly accepted that those elements that once distinguished the public, nonprofit and private sectors have become increasingly blurred. This course examines the resources, processes, techniques and organizational designs associated with conducting the people's business in public and nonprofit organizations and it is based on the learning experiences from the previous course work. The utilization of internal and external resources is a dynamic one and is central to effective management in the third millennium. Managers are presented with a number of real-life cases, problems, and vignettes and are expected to work as a team in resulting complex administrative and policy problems. Prereq: Graduate standing and consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

## Public Admin Department

### PADM 281 - PROGRAM EVALUATION & MGMT

Performance monitoring and evaluation are core activities of contemporary program management in nonprofit and public organizations. This course will develop the skills necessary to understand and construct performance monitoring systems and evaluation strategies in the public and nonprofit sectors. The course will focus on four evaluation approaches and applications including need assessment, performance monitoring, impact evaluation and cost analysis. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

## Public Admin Department

### PADM 282 - COMPARATIVE MANAGEMENT

An explanation of basic bureaucratic and administrative theory augmented by the literature of reinvention, reengineering and entrepreneurialism. The course is predicated on the thesis that the public and nonprofit sector can be transformed from traditional organizations that are accountable and budget driven systems to those that are performance driven based, delayed and customer and results driven. Additionally, the course is complimented by focusing on the issues of public policy and management set within a global context where cultural and inter-cultural differences are well documented and heterogeneity and diversity are becoming common themes. Although the distinctive theme of the course will remain intact, the policy and administrative areas delineated for study and examination will vary from course to course. For instance, it might deal with sustainability, technology, reinvention for the nonprofit sector, and multiculturalism; or, crime and corrections, health care delivery systems, zero-emission production, and ecology and environment. This course requires a two-week foreign travel experience. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

## Public Admin Department

### PADM 283 - EXTERNAL RESOURCE DEVELOPMENT

Nonprofit organizations have become an increasingly important and essential component of the social fabric that holds together civil society. Funding for these organizations is secured through programming that raises funds through donations and grants from private individuals, government, and for-profit organizations. The course considers effective methods in which external resources can be secured. Emphasized is a mission based, long-term, strategically planned resource development model. Additionally, the course covers tax-exempt laws for nonprofits, ethical concerns associated with cause-related marketing and research, resource management and allocation techniques, financial reporting, and leadership issues. Prereq.: Consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.



3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Public Admin Department

#### **PADM 285 - COMMUNITY & ECON DEVELOPMENT**

Examination of the policies and techniques employed by all levels of government and private development organizations in planning and stimulating economic growth and change. Prereq.: Consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Public Admin Department

#### **PADM 287 - WORKPLACE/WORKFORCE ISSUES**

This course analyzes major workplace/force issues in a contemporary organization, which include mental illness, drug abuse, violence, alcoholism and diversity. Other topics will be discussed based on the changing nature of technology, work, demographics, and design of organizations. Prereq.: Consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Public Admin Department

#### **PADM 288 - HUMAN RESOURCE APPLICATIONS**

This course uses the case study methodology and other experientially based exercises to examine and analyze selected current issues in human resources management, such as organizational downsizing, cultural diversity, career development, training, reduction-in-force, cutback management, employee turnover and discharge, smoking in the workplace, telecommuting, employee leases, AIDS in the workplace, workplace homicide, daycare and elder care issues and other topics of enduring or contemporary concern to human resources management personnel. Course participants are given ample opportunity to make case presentations and become fully involved in the analysis and decision-making process associated with the management cases. Extensive emphasis is placed on using the resources of the group. Prereq.: Consent of Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Public Admin Department

**PADM 298 - CURRENT ISSUES MGMT**

Special topics seminar. Topics vary.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Public Admin Department

**PATH 100 - PATHS TO KNOWLEDGE**

The principal aim of this course is to help us to better navigate our way through an increasingly information- and knowledge-saturated society. In pursuing this aim, we will explore the modes of reasoning and inquiry that are typically employed in the production of various forms of knowledge. Among the questions we will examine are: Why do we seek knowledge? How is knowledge created? How should we judge the value and validity of knowledge claims? How should society make decisions about the uses to which knowledge is put? In seeking answers to these questions, we hope to hone those critical and analytical skills that will allow us to become sophisticated producers/consumers of creative output. Crosslisted with HONR 110.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Miscellaneous Department

Course Attributes:

Critical Thinking

**PHAR 0-- - PHAR LOWER DIVISION**

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

Pharmacy Department

**PHAR 011 - CAPS I:COLLEGE CONNECTIONS**

The first in a series of four courses, students will participate in various exercises designed to provide an introduction to College of Pharmacy and Health Sciences policies, resources, and academic information with the goal of improving their career, academic, and professional success [CAPS]. This course is required for all first-year pre-pharmacy students.

0.500 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

#### PHAR 031 - CAPS II:COMMUNITY CONNECTIONS

The second in a series of four courses, students will participate in various exercises designed to provide an introduction to careers within pharmacy as well as diversity issues to further their career, academic and professional success [CAPS]. This course is required for all first-year pre-pharmacy students.

0.500 Credit hours

Levels: Non-Drake, Undergraduate

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

#### PHAR 051 - CAPS III:PROF CONNECTIONS

The third in a series of four courses, students will participate in various exercises designed to provide an introduction to the pharmacy profession to further their career, academic, and professional success [CAPS]. This course is required of all sophomore pre-pharmacy and professional transfer students. Other majors interested in pharmacy may also enroll, space permitting.

0.500 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

#### PHAR 071 - CAPS IV:CAREER CONNECTIONS

The last in a series of four courses [two courses for transfer students], students will participate in various exercises designed to provide an introduction to careers within the pharmacy profession to further their career, academic and professional success [CAPS]. This course is required of all sophomore pre-pharmacy and professional transfer students. Other majors interested in pharmacy may also enroll, space permitting.

0.500 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

#### PHAR 1-- - PHAR UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Pharmacy Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 100 - COMMUNITY PHARMACY POCT PRGM

This course is designed to assist pharmacy students in earning the Community Pharmacy-Based Point-of-Care Testing certificate offered by the National Association of Chain Drug Stores (NACDS). It includes online modules with pre-readings from current literature and governmental agencies, three days of in-class programming, and skills assessment. The infectious disease states most commonly testing by point-of-care tests (influenza, Group A Streptococcus, HIV and hepatitis C) will be reviewed. This will be incorporated into patient assessment for treatment in the community pharmacy, including vital measurements (heart rate, respiratory rate, blood pressure, temperature, and pulse oximetry), and how to perform four types of specimen collection (oral swab, nasal swab, throat swab, and finger stick). Students will perform vitals and specimen collection techniques including nasal/throat swabs, oral fluid collection, and a finger stick on each other as part of the course. In addition to specimen collection and patient assessment, the legal and management issues associated with point-of-care testing and follow-up care will be discussed. The class is primarily lecture based with small group work and other assignments to stimulate active learning. A course fee of \$100 will be assessed to cover the cost of the NACDS certificate program.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 101 - TOPICS IN CARDIOLOGY

Topics in Cardiology is a two credit hour elective designed to provide a more in depth investigation and understanding of the current literature around specific cardiovascular disease states. Pharmacologic and non-pharmacologic treatments will be covered during class. This course will provide a deeper investigation into specific aspects of cardiovascular disease states, such as ischemic stroke in atrial fibrillation as well as cardiovascular shock, and antiarrhythmics. A variety of learning methods will be utilized, including lecture, case-based discussions, primary literature evaluation, group presentations, and educational games. Students must have successfully completed PHAR 125 or HSCI 125 (Physiology).

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

### PHAR 103 - WELLCOACHES CHCT PROGRAM

The Wellcoaches Core Health Coach Training Program is a four-day, J-Term elective course for senior health Sciences and P3/P4 Pharmacy students. Other students may be accepted by special request to the course coordinator, Dr. Nora Stelter. Students will learn health coaching techniques to assist patients in reaching their goals for health and wellness taught by the wellcoaches professional health coach instructors. Topics include but are not limited to mindfulness, motivational interviewing, self-determination theory, self-efficacy, and vision and goal setting. This course will use a variety of teaching methods including lecture with discussion, role playing, and self-reflection. This course is the first step in attaining health coaching certification through Wellcoaches.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

### PHAR 104 - TOPICS IN INFECTIOUS DISEASE

This course is designed to enhance students' understanding and ability to apply infectious disease principles to clinical situations. A variety of learning methods will be used including case-based discussions, evaluation of primary literature, debate, written case write-ups, lecture, and topic presentations. Topics may include but are not limited to resistant organisms, antimicrobial stewardship, surgical infection prevention, Clostridium difficile-associated diarrhea, and other topics as directed by the students.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

### PHAR 105 - DELIVERING MED MNGMT SERVICES

Delivering Medication Management Services is an active learning online course in which participants practice a variety of communication techniques to elicit a patient's medication experience and identify medication-related problems. Cases based on the real-life experiences of MTM providers will be used. Participants will gain experiences interviewing patients, identifying and prioritizing medication-related problems, developing and implementing interventions, and documenting activities. Various business models and billing strategies

will be explored, and plans for implementation discussed. Through self-study modules, case studies, hands-on patient interviews, and assessment practice sessions, learners will obtain the knowledge and skills needed to establish medication therapy management services. At the end of this course, the learner will have completed the APHA Delivering Medication Therapy Management Services certificate training program (\$125 course fee applies).

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:

Pharmacy Prof. Elective

### PHAR 106 - PHARMACEUTICAL COMPOUNDING

This is a lab-based pharmaceutical compounding course designed to attract motivated PharmD students to basic compounding in hospital and retail pharmacy settings. During this course students will be introduced to good compounding practices, basic physical chemical concepts of successful formulations, proper selection of excipients with special emphasis on quality control and responsibility of the pharmacist. Dosage forms are selected to cover a wide spectrum of preparations ranging from solutions, suspensions, emulsions, ointments, creams, suppositories to troches, lollipops, and capsules.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:

Pharmacy Prof. Elective

### PHAR 107 - CLINICAL LABORATORY MEDICINE

Clinical Laboratory Medicine is a 16-week elective course within Drake University College of Pharmacy and Health Sciences. The course content includes common laboratory tests that are used in clinical settings to diagnose or monitor diseases or drug therapy. Students will learn how to identify, interpret and address common laboratory abnormalities. The course design will include both lecture and active learning. Guest lecturers will present in areas of expertise throughout the semester. Students will participate in small group discussions and active learning activities each class period to practice applying concepts learned in lecture or during pre-class reading assignments. Active learning will be in the form of games, cases, and/or problem sets. Assessment of the students' learning will be completed using exams and quizzes throughout the semester. Attendance and participation in the classroom activities will also count towards the final grade.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 108 - ADVANCED PSYCH PHARMACY

This course is intended to provide pharmacy students with the opportunity to learn about selected psychiatric disorders. Pharmacologic and non-pharmacologic methods used to treat these conditions will be covered during class. Some of the topics to be discussed during class include the evaluation of the psychiatric patient, personality disorders, impulse control disorders, and childhood psychiatric disorders. Viewing of psychiatric-related films and documentaries will also occur during this class.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 109 - PHARMACOGENOMICS: PR, MT & AP

This course provides a comprehensive learning experience of principles, selected laboratory methods and applications of pharmacogenomics for improving human health outcomes. Specifically, students taking this course will be able to comprehend the correlations between the genotypic variations being unraveled by the omics technologies to the phenotypic differences observed in sensitivity, metabolism, and toxicity of therapeutic compounds with a particular emphasis on current and future clinical applications. Additionally, this advanced course with a laboratory component offers students a hands-on learning experience in select methods used for patient sample collection, nucleic acid isolation and preliminary characterization, as well as detection of genomic variations along with a sound perspective of the ethical, legal, regulatory, and social issues associated with this modern approach to patient care.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 109L - PHARMACOGENOMICS LAB

Laboratory experience that accompanies PHAR 109.

0.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

#### PHAR 110 - TOPICS IN INTERNAL MEDICINE

The goal of the elective is to prepare the PharmD candidate for the advanced types of cases encountered on acute, ambulatory, and specialty care rotations and further develop a set of skills to be applied to post-graduate work. Real internal medicine cases are used to present a complex and challenging set of drug therapy problems. Management of therapies discussed in Pharmacotherapeutics will be employed with a level of detail that is applicable to high level clinical pharmacy practice. Disease states not previously encountered in other course work will also be presented. Multiple active learning techniques will be used along with case based learning. A final seminar presentation will be required of each student.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 111 - IT'S ALL ABOUT THE CHILDREN

Health Issues in Pediatrics introduces a variety of topics specific to the health of the US and global pediatric population., including causes of childhood morbidity and mortality, disparities in health care access and provision in the pediatric and adult populations, and treatment strategies to improve pediatric health. Topics discussed will include neonatology (preterm infants), vaccines, poison prevention, pediatric obesity trends, adolescent depression, suicide, substance abuse, and drug/substance use during pregnancy, among other topics.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 112 - POLITICAL ADVOCACY & LEADERSHP

Political advocacy and leadership are highly valued in the profession of pharmacy. This interactive elective course provides the requisite knowledge, develops skills, and models behaviors so students can become political advocates and leaders in the profession. This course consists of a series of prominent speakers from within and outside the profession. Student pharmacists will develop effective advocacy skills through discussion and reflections based upon their experiences with instructors and assigned readings.

2.000 Credit hours

Levels: Professional Health Care



Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

### PHAR 113 - SMART DRUG DELIVERY

In the past few decades, we have witnessed revolutionary breakthroughs in advanced drug delivery systems for delivering therapeutics for the prevention and treatment of various diseases. This course provides a comprehensive study of the cutting-edge methods of drug delivery. Topics under this course will provide up-to-date information on the basics of formulation strategies and various therapeutic applications of advanced drug delivery with real-life case study examples. Students taking this course will be able to understand and appreciate the latest developments in the field of pharmaceuticals, biotechnology and therapeutics which will help them prepare for the future of patient care. By the end of this course, students will be able to: 1. Understand key terminologies, principles, & methods of drug delivery. 2. Understand the physiological barriers, transporters that act as hurdles and potential active targeting sites in drug delivery methods development. 3. Understand and apply the principles of novel drug delivery technologies to personalized therapy. 4. Comprehend recent findings related to novel drug delivery technologies and present research findings.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:  
Pharmacy Prof. Elective

### PHAR 116 - IMMUNE SYS DISEASES & PHARMACO

Immune System Diseases and Pharmacotherapy is an advanced examination into the structure and function/dysfunction of the immune system. The overall goal of the class is for students to gain an understanding of the fundamental principles of the immune system, how dysfunction leads to disease, and how therapeutics interact with the immune system to assist and/or correct immune system dysfunction. Topics presented in this class include the chemicals and cells of the immune system, the innate and adaptive immune system, immune system dysfunction and disease, and therapeutics of the immune system. The format for the course includes structured lectures with pertinent student questions and instructor-initiated in-class group exercises.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:  
Pharmacy Prof. Elective

### PHAR 117 - EVOLVING HEALTH CARE PARADIGMS

With the implementation of the Affordable Care Act [Obamacare], health care in the United States is in a state of rapid transformation. This course will review the history and changing paradigms of health care in the United States with specific focus on the Affordable Care Act and innovative technology. Students will develop their understanding of health care financing including pricing and payment systems and the challenges/opportunities created by the system. This course will use a blended format that will incorporate both traditional classroom activities as well as synchronous and asynchronous online learning. This course will emphasize collaborative learning both inside and outside the classroom. Students will be expected to be an active participant in class, complete both individual and group assignments, peer evaluations, and a final reflection paper.

2.000 OR 3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

### PHAR 118 - LGBTQ HEALTH: ISSUES

This class will focus on understanding healthcare issues affecting the LGBTQ population. Learners will examine topics such as health disparities, advocacy, effective communication, as well as mental and physical health concerns for the lesbian, gay, bisexual, and transgender communities. For a significant portion of this course, students will actively engage with local community partners on projects related to LGBTQ health care. This course will include a variety of learning methods: lecture, small group discussion, group presentations, and service-learning.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

### PHAR 119 - TOPICS-NEUROPHARMACOLOGY

This course focuses on the relationship between the anatomical and pharmacological underpinnings of neurological and psychiatric disorders and the mechanisms of action of the drugs used to treat these disorders. A major emphasis of the course is on reading and interpreting current research papers in the fields of neuro- and psychopharmacology.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Pharmacy Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 122 - CONTINUING PROF DEVL I

The first in a series of six courses, students will devise and implement continuing professional development plans through various exercises and experiences. Students will document their progress in a portfolio. Students will participate in class sessions; co-curricular activities; introductory pharmacy practice experiences (IPPE); and interprofessional education (IPE) activities. Class session topics include continuing professional development principles, interprofessional education principles, and professional and personal exploration. Co-curricular, IPPE, and IPE experiences will require travel to off-campus locations. Primary class session format is lecture with discussion, individual and group activities, and reflection. This course is required for all pharmacy students in the first year of the professional program.

1.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Community Engaged Learning

#### PHAR 123 - CONTINUING PROF DEVL II

1.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:  
Community Engaged Learning

#### PHAR 125 - PHYSIOLOGY

Principles of modern medical physiology. Emphasis is on the integration of physiological systems including mechanisms of fundamental principles progressing from molecular events to cellular, organ and system levels. Prereq: Two intro courses of BIO 001, 002, 011, 012, 013, or 018, or equivalent or permission of instructor. Organic chemistry recommended.

4.000 Credit hours  
4.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Health Sciences Department

#### PHAR 126 - PRINCIPLES OF NUTRITION

Principles of normal nutrition are introduced; essential nutrient function and metabolism is covered, as well as dietary choices and disease-related influences. A variety of learning methods will be used, including readings, online videos, evaluation of primary literature, application and reflection, and online collaboration. Students will apply what they are learning to their daily lives.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 128 - ADVANCED DIABETES CARE

This course has been designed to allow students the opportunity to develop knowledge of principles and learning theories to manage the patient with diabetes. The course will cover three focus areas: enhancement of knowledge on diabetes, practical applications of skills, and marketing diabetes services. A variety of teaching techniques will be illustrated during this program including, but not limited to: case studies, cooperative learning, readings, forum discussions, practice simulations, self-study, video clips, guest speakers, and site visits. Required for Diabetes Concentration students.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 129 - INTEGRATED DIABETES CASES

This course should assist students with integrating problem solving across the disciplines of therapeutics, pharmacology, pharmaceuticals, social/administrative sciences, and medical ethics as they relate to issues of diabetes care. This course may be taken either as a professional elective or as the final didactic requirement for the diabetes concentration. Two diabetes cases, one a patient with Type I diabetes and one a patient with Type II diabetes, with scenarios and guided questions will be used throughout the semester and guide class discussion of specific topics. Topics include therapeutic management of diabetes, new insulin formulations, insulin pumps, blood glucose pattern management, metabolic syndrome, nutritional issues (carb counting, weight management), local and national diabetes resources, ethical considerations, and psychosocial impacts

on diabetes patients. Course format includes lecture with class discussion, presentations by guest faculty, interviews with diabetes patients, student presentations, and field trips. Course content is constructed to address issues of the complexity of and integrative management of the patient with diabetes in light of expanding roles for pharmacists in improving health outcomes.

2.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:

Pharmacy Prof. Elective

### PHAR 130 - BIOCHEMISTRY

Biochemistry is a 4-credit course designed to provide students with the fundamental concepts of biochemistry as well as specific biochemistry-related pharmacology and therapeutic information in order to be highly applicable for a career in the healthcare professions. Students will be expected to understand the principles of biochemistry, the diseases that affect biochemical pathways, and the drugs used to treat biochemical abnormalities. This class is designed to include lectures, discussions, and problem-solving sessions.

4.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### PHAR 131 - INTRODUCTION TO PHARM SCIENCES

This 3-credit course introduces students to fundamental principles that underlie the pharmaceutical sciences. Students will integrate concepts from chemistry, biology, and mathematics to understand and explain issues associated with the design, delivery, disposition, and action of drugs. The format of the course includes lectures, discussions, and problem-solving exercises.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### PHAR 132 - PATHOPHYSIOLOGY

This course is a study of human physiological changes that are the cause or result of pathologic processes. The course builds upon and expands core knowledge of human anatomy, physiology and biochemistry as it relates to the loss of homeostasis.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lecture, Web Instructed

Pharmaceutical & Admin Science Department

#### PHAR 132D - PATHOPHYSIOLOGY DISCUSSION

Discussion section for Phar 132.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Web Instructed

#### PHAR 133 - PRINCIPLES OF DRUG ACTION I

Principles of Drug Action I is the first in the series of courses examining the pharmacological and chemical basis of drug action. Students will integrate physiologic, biochemical and pathophysiologic concepts and information to understand the therapeutic and adverse actions and interactions of drugs. Topics included in this part of the sequence are drugs used in the treatment of cancer, bacterial and viral infections, inflammation, diabetes, and disorders of the respiratory tract and gastrointestinal tract. The course is taught primarily in lecture format with some in-class discussion of problems and cases. Students are required to enroll concurrently in PDA I discussion section where the focus is on more in-depth discussion in small groups. CO-REQ: PHAR 132

4.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Discussion/Recitation, Lecture, Web Instructed

Pharmaceutical & Admin Science Department

#### PHAR 133D - PDA I DISCUSSION

Discussion section for Phar 133.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Web Instructed

#### PHAR 134 - PRINCIPLES OF DRUG ACTION II

Principles of Drug Action II is a continuation in the series of courses examining the pharmacological and chemical basis of drug action. Students will integrate physiologic, biochemical and pathophysiologic concepts and information to understand the therapeutic and adverse actions and interactions of drugs. Topics included in this part of the sequence are drugs affecting the cardiovascular, endocrine and autonomic nervous systems. The course is taught primarily in lecture format with some in-class discussion of problems and cases. Students are required to enroll concurrently in PDA II discussion section where the focus is on more in-depth discussion in small groups.

4.000 Credit hours

4.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### PHAR 134D - PDA II DISCUSSION

Discussion section for Phar 134.

1.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab, Web Instructed

### PHAR 135 - PRINCIPLES OF DRUG ACTION III

Principles of Drug Action III is a continuation in the series of courses examining the pharmacologic and chemical basis of drug action. Students will integrate physiologic, biochemical and pathophysiologic concepts and information to understand the therapeutic and adverse actions and interactions of drugs. Topics included in this part of the sequence are drugs affecting the central and peripheral nervous systems and the toxicology of select agents. The course is taught primarily in lecture format with some in-class discussion of problems and cases. Students are required to enroll concurrently in PDA III discussion section where the focus is on more in-depth discussion in small groups.

3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Discussion/Recitation, Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### PHAR 135D - PDA III DISCUSSION

Discussion session for Phar 135.

1.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Discussion/Recitation, Web Instructed

### PHAR 138 - PHARMACEUTICAL CALCULATIONS

This course is the first in the two-course Pharmaceutics series. It has four main goals: 1. To reinforce nomenclature, common abbreviations and terminology needed to interpret and compound prescriptions. 2. To make students competent in pharmaceutical calculations as related to specific dosage forms. 3. To demonstrate the ability to organize a calculation's setup in a clear and appropriately documented fashion 4. To demonstrate ability to apply the knowledge gained to practice based pharmaceutics problems The course is taught primarily in lecture format, with in-class calculations and case discussions as appropriate.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### PHAR 140 - PHARMACEUTICS I

This course is the first in a two-course Pharmaceutics series. The goals are to introduce students to types of dosage forms and to the role of drug delivery in the therapeutic efficacy and safety of a drug product. It expands on students' understanding of physicochemical properties of drugs and their importance in design, performance, and use of dosage forms. Students will also learn about the role of excipients in design, performance, and choice of dosage forms in various therapeutic situations. The course is taught primarily in lecture format, with case discussions every two weeks to show applications of Pharmaceutics in drug therapy.

2.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### PHAR 141 - PHARMACEUTICS II

This course introduces the Pharm.D. students to a wide variety of dosage forms and their routes of administration. A basic introduction to Parenteral dosage forms; preparation and sterility, Semi solids such as ointments and creams; preparation and administration, Solid dosage forms such as tablets and powder; preparation; oral and controlled release administration, Aerosols and inhalation dosage forms; prospectus delivery to the lungs, Solutions and dispersions dosage forms; delivery to nasal, otic, and ophthalmic routes, Rectal, vaginal, dermal and transdermal drug delivery. Biotechnology and novel drug products, Drug regulation and FDA regulation pertaining to quality drug compounding and manufacturing. Teaching will follow lecture format with some necessary discussions.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### PHAR 142 - BASIC PHARMACOKINETICS

This course deals with the time course of drug disposition in the body. It introduces students to basic pharmacokinetic (PK) functions, and the mathematical and functional relationships between. Students will learn to estimate PK parameters (clearance, volume of distribution, bioavailability) from plasma and urine data and to evaluate PK drug information. Major topics include compartmental modeling, PK of IV bolus, IV infusion and oral dosing, and determinants of hepatic and renal clearance. This information will be used in designing optimum dosage regimens for patients. The course is taught primarily in lecture format, with problem-solving exercises as appropriate.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed



Pharmaceutical & Admin Science Department

### PHAR 143 - THERAPEUTIC DRUG MONITORING

Therapeutic Drug Monitoring takes the basic pharmacokinetic equations and concepts and applies them to specific drugs used in the clinical setting. In addition to the use of basic pharmacokinetics in determining drug doses for patients, students will learn ways to combine this information with other measures of drug response in patients and establish an effective dosage regimen. Included in the discussion will be factors that alter the pharmacokinetic disposition of a drug, such as drug interactions, physiologic changes, and genetic polymorphisms.

2.000 Credit hours

2.000 Lecture hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

### PHAR 144 - BASIC PHARMACY SKILLS & APPL

The first course in the Pharmacy Skills and Applications series of courses will incorporate skills from nine basic areas: professionalism, communication, clinical reasoning, cultural competence, drug information, calculations, distribution systems and processes, systems management, and health and wellness. Basic skills in each of these areas will be introduced in the first year. This semester course will be comprised of a one-hour lecture and a two-hour lab.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:

Community Engaged Learning

### PHAR 144L - BASIC PHARM SKILLS & APP 1 LAB

Laboratory experience that accompanies PHAR 144.

0.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

### PHAR 145 - BASIC PHARM SKILLS & APPL 2

The second course in the Pharmacy Skills and Applications series of courses will incorporate skills from nine basic areas: professionalism, communication, clinical reasoning, cultural competence, drug information, calculations, distribution systems and processes, systems management, and health and wellness. Basic skills in

each of these areas will be introduced in the first year. This semester course will be comprised of a one-hour lecture, and a two-hour lab.

2.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:

Information Literacy

#### PHAR 145L - BASIC PHARM SKILLS & APP 2 LAB

Laboratory experience that accompanies PHAR 145.

0.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lab, Web Instructed

#### PHAR 149 - IMMUNIZATIONS

This course trains students to be immunization providers and advocates. Students should acquire an understanding of various infectious diseases that can be prevented by vaccination, will be trained in administration of vaccines, and should be able to implement an immunization practice following this course. This course is based on the certificate program of the American Pharmacists Association and will result in certification to provide immunizations. Topics include, adult and child immunizations, pharmacy law pertaining to immunizations, vaccine administration, immunization practice development, and billing for immunization services. The class is primarily lecture based with small group work and other assignments to stimulate active learning. A course fee of \$125 will be assessed to your Drake account to cover the cost of the APhA certificate program.

1.000 TO 2.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:

Pharmacy Prof. Elective

#### PHAR 150 - SPECIAL TOPICS

Professional Elective initial course offerings. Course titles vary. Please refer to each specific course offering for a complete course description.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lab, Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Pharmacy Prof. Elective

#### PHAR 154 - INTERMED PHARM SKILLS & APPL

The third course in the Pharmacy Skills and Applications series will incorporate skills from nine basic areas: professionalism, communications, calculations, clinical reasoning, cultural competence, drug information, distribution systems and processes, health and wellness, and systems management. Many activities performed in IPSA 1 will further develop the skills that were introduced in BPSA. Other activities incorporate new skills in the nine competency areas. All activities are developed to integrate knowledge learned in other courses with their practical applications in pharmacy practice. This semester course is comprised of a one-hour lecture and a two-hour lab. This course is also designed to assist students in earning the Community Pharmacy-Based Point-of-Care Testing certificate offered by the National Association of Chain Drug Stores (NACDS). It includes readings, online modules, and in-class skills assessment. A course fee of \$100 will be assessed to your Drake account to cover the cost of the NACDS certificate program.

2.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

#### PHAR 154L - INTERMED PHARM SKILLS/APPL LAB

Laboratory experience that accompanies PHAR 154.

0.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lab, Web Instructed

#### PHAR 155 - INTERMED PHARM SKILLS & APPL 2

The fourth course in the Pharmacy Skills and Applications series will incorporate skills from nine basic areas: professionalism, communication, clinical reasoning, cultural competence, drug information, calculations, distribution systems and processes, systems management, and health and wellness. Many activities performed in IPSA 2 expand upon basic skills that were introduced in BPSA. Other activities incorporate new skills in the nine competency areas. All activities are developed to integrate knowledge learned in other courses with their practical applications in pharmacy practice. This semester course is comprised of a one-hour lecture, a two-hour lab, and an experiential component of up to eight hours per week.

2.000 TO 3.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

#### PHAR 155L - INTER PHAR SKILLS & APP 2 LAB

Laboratory experience that accompanies PHAR 155.

0.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lab, Web Instructed

#### PHAR 156 - INTRO PHAR PRAC EXPERIENCE II

Introductory Pharmacy Practice Experiences [IPPE] that are part of the academic year PSA courses but completed during the summer and/or J-term session.

0.000 Credit hours

Levels: Professional Health Care

Schedule Types: Independent Study, Web Instructed

Pharmacy Department

#### PHAR 162 - PHARMACY LAW & ETHICS

This course addresses the legal and ethical aspects of pharmacy practice. The numerous federal and state statutory and regulatory laws that govern the practice of pharmacy and the manufacturing, distributing, and dispensing of drugs and related products comprise a significant portion of the course. Students are also introduced to a structured approach to decision-making that incorporates basic tenets of ethical conduct along with legal principles and professional knowledge appropriate to specific situations.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:

Values and Ethics

#### PHAR 164 - PROBLEMS IN PHARMACY

This Independent Study course offering provides an opportunity for students to participate in an undergraduate research or experience in a specific area of Pharmacy under the guidance and direction of a faculty member. Registration for this course must be pre-arranged with a faculty member and submitted for approval through the completion of an Independent Study form available in the College Dean's Office to the appropriate Department Chair and Associate Dean. In addition to approaching individual faculty members about opportunities in their areas of expertise, research/experience opportunities may also be available in Career bluePrint and the College of Pharmacy and Health Sciences Weekly Announcements.

0.000 TO 6.000 Credit hours

Levels: Professional Health Care

Schedule Types: Independent Study, Lab, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:

Pharmacy Prof. Elective

### PHAR 165 - PROBLEMS IN PHARMACOLOGY

This Independent Study course offering provides an opportunity for students to participate in an undergraduate research or experience in a specific area of Pharmacology under the guidance and direction of a faculty member. Registration for this course must be pre-arranged with a faculty member and submitted for approval through the completion of an Independent Study form available in the College Dean's Office to the appropriate Department Chair and Associate Dean. In addition to approaching individual faculty members about opportunities in their areas of expertise, research/experience opportunities may also be available in Career bluePrint and the College of Pharmacy and Health Sciences Weekly Announcements.

0.500 TO 6.000 Credit hours

Levels: Professional Health Care

Schedule Types: Independent Study, Lab, Web Instructed

Course Attributes:

Pharmacy Prof. Elective

### PHAR 166 - PROBLEMS IN PHARMACEUT CHEM

This Independent Study course offering provides an opportunity for students to participate in an undergraduate research or experience in a specific area of Pharmaceutical Chemistry under the guidance and direction of a faculty member. Registration for this course must be pre-arranged with a faculty member and submitted for approval through the completion of an Independent Study form available in the College Dean's Office to the appropriate Department Chair and Associate Dean. In addition to approaching individual faculty members about opportunities in their areas of expertise, research/experience opportunities may also be available in Career bluePrint and the College of Pharmacy and Health Sciences Weekly Announcements.

1.000 TO 6.000 Credit hours

Levels: Professional Health Care

Schedule Types: Independent Study, Web Instructed

Course Attributes:

Pharmacy Prof. Elective

### PHAR 167 - CONT. PROF. DEVELOPMENT III

The third in a series of six courses, students will build upon previous coursework in this series to revise and implement continuing professional development plans through various exercises and experiences. Students will document their progress in a portfolio. Students will participate in class sessions; co-curricular activities; introductory pharmacy practice experiences (IPPE); and interprofessional education (IPE) activities. Class

session topics include self-awareness strategies, leadership and mentoring, professional communication, and professional and personal exploration. Co-curricular, IPPE, and IPE experiences will require travel to off-campus locations. Primary class session format is lecture with discussion, individual and group activities, and reflection. This course is required for all pharmacy students in the second year of the professional program.

1.500 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:

Community Engaged Learning

#### PHAR 168 - CONTINUING PROF DEVL IV

The fourth in a series of six courses, students will build upon previous coursework in this series to revise and implement continuing professional development plans through various exercises and experiences. Students will document their progress in a portfolio. Students will participate in class sessions; co-curricular activities; introductory pharmacy practice experiences (IPPE); and interprofessional education (IPE) activities. Class session topics include professional advocacy, APPE opportunities, and professional and personal exploration. Co-curricular, IPPE, and IPE experiences will require travel to off-campus locations. Primary class session format is lecture with discussion, individual and group activities, and reflection. IPPE, IPE, and co-curricular format is experiential learning, case discussions, and/or reflection. This course is required for all pharmacy students in the second year of the professional program.

1.500 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:

Community Engaged Learning

#### PHAR 169 - SELF CARE & NON-PRESCRIPT CRSE

This required professional course is intended to impart the pharmacy student with the knowledge, skills, and professional attitudes required to adequately assess patients, determine whether or not self-care is indicated, and guide patients on the most effective and safe choice of self-care and nonprescription products. The ability to critically assess benefits and risks of various self-care therapies will be reinforced, and students' ability to provide solid rationale for their recommendations will be emphasized. Application of knowledge and skills from other College courses, especially Pharmacy Skills and Applications [PSA] and Therapeutics, will be reinforced. The active learning framework for Team Based Learning will constitute the primary instruction in this course.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:

Critical Thinking

### PHAR 171 - HEALTH CARE SYSTEMS & POLICIES

This course provides an overview of the current and changing health care systems and policies in the United States, history, current status, changes and future trends. Students will gain the ability to analyze state and federal systems and regulations' impact on service delivery. This course will examine the ways that the socio-political environment influences patients and health care providers' behavior during the health care process. At the health system level, students will critique financing incentives and how organizational constraints place pressures on care provision. Finally, students will investigate the ways that culture and beliefs create expectations and place demands on the use of health care services. A combination of lecture, discussion of assigned reading material, in-class activities, group work and reflection papers are used to facilitate comprehension of course material.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### PHAR 172 - LITERATURE EVALUATION METHODS

This course is designed to introduce you to three areas of study that enhance your ability to deal with and utilize medical literature. The course helps you integrate and apply the principles of research-design, statistics, and drug information to critically appraise medical and health science literature to enable translation into evidence-based clinical practice.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:

Critical Thinking

### PHAR 173 - APPLIED SOC/ADMIN PHARMACY

**ADVANCED LITERATURE EVALUATION:** This course deals with the application of the PHAR 172 course material through the design, writing, and formal presentation of a literature review. This process is supplemented with further exposure to statistical skills, article critiques, statistics, study design issues, and writing scientific papers. The course stresses cooperative learning. This means that we will be sharing ideas throughout the semester that will help improve each other's projects. The course is a combination of group discussion, group projects (including the paper and presentation), and lecture. **DEVELOPING PHARMACY SERVICES: AMBULATORY, HEALTH SYSTEM, AND LONG TERM CARE PRACTICE:** This course

will provide the student with an opportunity to apply materials presented in prior course work to the design, presentation, and evaluation of pharmacy services. This process is supplemented with further exposure to pharmacoeconomic and management learning opportunities. Students will be expected to use their clinical skills as part of the development of pharmacy services. The course stresses working in a team situation integrating different facets of pharmacy practice. Students will be members of a team that will prepare and present a proposal for a pharmacy service which will be evaluated in a competitive situation. The course is a combination of group discussion, group projects, and lecture. Teams will prepare a written proposal as well as a visual presentation to their peers and evaluators.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

Course Attributes:

Critical Thinking

#### PHAR 174 - MANAGEMENT IN PHARMACY

This course introduces you to the various management concepts and practices so that you are prepared for leadership and management in the practice of pharmacy. The course builds on many of the concepts introduced in PHAR 171. The course is geared towards a practical approach to management, marketing, and financial principles and strives to introduce you to the overall management of a pharmacy or health-system pharmacy department. These skills will help you analyze business information and situations and allow you to implement new services into your practice.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

#### PHAR 175 - CONT. PROF. DEVELOPMENT V

The fifth in a series of six courses students will build upon previous coursework in this series to revise and implement continuing professional development plans through various exercises and experiences. Students will document their progress in a portfolio. Students will participate in class sessions; co-curricular activities introductory pharmacy practice experiences (IPPE); and interprofessional education (IPE) activities. Class session topics include applying continuing professional development principles to the advanced pharmacy practice experience (APPE) selection process, professional goal attainment, and professional and personal exploration. The logistical process for submitting APPE preferences will be discussed. Co-curricular, IPPE, and IPE experiences will require travel to off-campus locations. Primary class session format is lecture with discussion, individual and group activities, and reflection. IPPE, IPE, and co-curricular format is experiential learning, case discussions, and/or reflection. This course is required for all pharmacy students in the third year of the professional program.

2.000 Credit hours



Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Community Engaged Learning

#### PHAR 176 - CONTINUING PROF DEVL VI

The sixth in a series of six courses, students will build upon previous coursework in this series to revise and implement continuing professional development plans through various exercises and experiences. Students will document their progress in a portfolio. Students will participate in class sessions; co-curricular activities; introductory pharmacy practice experiences (IPPE); and interprofessional education (IPE) activities. Class session topics include preparation for advanced pharmacy practice experiences (APPE), career strategies and preparation, professional communication, and professional and personal exploration. Co-curricular, IPPE, and IPE experiences will require travel to off-campus locations. Primary class session format is lecture with discussion, individual and group activities, and reflection. IPPE, IPE, and co-curricular format is experiential learning, case discussions, and/or reflection. This course is required for all pharmacy students in the third year of the professional program.

2.000 Credit hours  
2.000 Lecture hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

Course Attributes:  
Community Engaged Learning

#### PHAR 182 - PROFESSIONAL ELECT

4.000 Credit hours

Levels: Professional Health Care  
Schedule Types: Lecture, Web Instructed

Pharmacy Department

#### PHAR 184 - ADV PHARM SKILLS & APP I

The fifth course in the Pharmacy Skills and Applications series will incorporate skills from nine basic areas: professionalism, communications, calculations, clinical reasoning, cultural competence, drug information, distribution systems and processes, health and wellness, and systems management. Many activities performed in APSA 1 will further develop the skills that were introduced in BPSA and expanded on in IPSA. Other activities incorporate new skills in the nine competency areas. All activities are developed to integrate knowledge learned in other courses with their practical applications in pharmacy practice. This semester course is comprised on a one-hour lecture and a two-hour lab.

2.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

PHAR 184L - ADV PHARM SKILLS & APP I LAB

Laboratory experience that accompanies PHAR 184.

0.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lab, Web Instructed

PHAR 185 - ADVANCED PHARM SKILLS & APPL 2

The sixth course in the Pharmacy Skills and Applications series will incorporate skills from nine basic areas: professionalism, communication, clinical reasoning, cultural competence, drug information, calculations, distribution systems and processes, systems management, and health and wellness. Many activities performed in APSA 2 will further develop the skills that were introduced in BPSA and expanded on in IPSA and APSA 1. Other activities incorporate new skills in the nine competency areas. All activities are developed to integrate knowledge learned in other courses with their practical applications in pharmacy practice. This semester course is comprised of a one-hour lecture, a two-hour lab, and an experiential component of up to eight hours a week.

2.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

PHAR 185L - ADV PHARM SKILLS & APPL 2 LAB

Laboratory experience that accompanies PHAR 185.

0.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lab, Web Instructed

PHAR 186 - INTRO PHAR PRAC EXPERIENCE III

Introductory Pharmacy Practice Experiences [IPPE] that are part of the academic year PSA courses but completed during the summer term and/or J-term session.

0.000 Credit hours

Levels: Professional Health Care

Schedule Types: Independent Study, Web Instructed

## Pharmacy Department

### PHAR 187 - CAPS V:PROF PLANNING

The fifth in a series of six courses, students will participate in various exercises designed to further their career, academic and professional success [CAPS]. Topics include updating their curriculum vitae, setting career goals, and selecting advanced pharmacy practice experience [APPE] preferences to meet these goals. The logistical process for submitting APPE preferences will be discussed. Primary class format is lecture with discussion, individual and group activities, and reflection. In addition, students will attend two preceptor showcases to explore APPE options and will meet with their advisor/mentor for further guidance. This course is required for all pharmacy students in the third year of the professional program.

0.500 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

### PHAR 188 - CAPS VI: PROF DEVELOPMENT

The sixth in a series of six courses, students will participate in various exercises designed to further their career, academic and professional success [CAPS]. Strategies for success during the advanced pharmacy practice experience [APPE] year will be the focus of the course including managing conflict, soliciting feedback, providing peer mentoring, and enhancing personal reflection. The logistical processes required for the APPE year will be discussed. Primary class format is lecture with discussion, individual and group activities, and reflection. This course is required for all pharmacy students in the third year of the professional program.

0.500 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

### PHAR 190 - THERAPEUTICS I

Pharmacotherapeutics will utilize team-based learning [TBL] strategies to enable students to manage the drug therapy of individual patients in order to achieve improved clinical outcomes and quality of life. Integration and application of pharmacologic, pharmacokinetic, pathophysiologic and social administrative principles are required to practice higher problem-based learning skills as applied to class-based and group-based discussions.

3.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

### PHAR 191 - THERAPEUTICS II

Pharmacotherapeutics will utilize team-based learning [TBL] strategies to enable students to manage the drug therapy of individual patients in order to achieve improved clinical outcomes and quality of life. Integration and application of pharmacologic, pharmacokinetic, pathophysiologic and social administrative principles are required to practice higher problem-based learning skills as applied to class-based and group-based discussions.

5.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

CPHS: Clinical Sciences Department

### PHAR 192 - THERAPEUTICS III

Pharmacotherapeutics will utilize team-based learning [TBL] strategies to enable students to manage the drug therapy of individual patients in order to achieve improved clinical outcomes and quality of life. Integration and application of pharmacologic, pharmacokinetic, pathophysiologic and social administrative principles are required to practice higher problem-based learning skills as applied to class-based and group-based discussions.

0.000 TO 6.000 Credit hours

5.000 Lecture hours

Levels: Professional Health Care

Schedule Types: Discussion/Recitation, Lecture, Web Instructed

CPHS: Clinical Sciences Department

### PHAR 285 - EXPER ROTATION BLOCK

Prereq: All pre-pharmacy and pharmacy course work.

1.000 TO 22.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Pharmacy Department

Course Attributes:

Community Engaged Learning, Service Learning

### PHAR 286 - EXPERIENTIAL REMEDIATION

1.000 TO 22.000 Credit hours

Levels: Professional Health Care

Schedule Types: Lecture, Web Instructed

Pharmacy Department

PHIL 0-- - PHIL LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Philosophy & Rel Department

PHIL 021 - INTRO TO PHILOSOPHY

Introduction to the Western philosophical tradition through a study expository and critical, of a variety of issues - the existence of God, freedom, foundations of belief, etc. - as they have been formulated in the writings of outstanding classical and contemporary philosophers.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Critical Thinking

PHIL 081 - INTRO TO CHINESE PHILOSOPHY

This class explores China's major philosophical and religious traditions, or the "Three Teachings" of Daoism, Confucianism, and Buddhism. We look at doctrinal debates that unite and divide these three traditions, as well as at their rituals and practices. We pay special attention to how early texts discuss the effectiveness of various ritual actions. That is, how does Confucian ritual aid in moral cultivation? How does Buddhists meditation lead to enlightenment? And, what practices produce the astonishing skills of Daoist sages? Along the way, we will learn about Chinese culture and society, in both historical and contemporary contexts. Students will gain a solid foundation for continued study of China in various disciplines.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Global and Cultural Understand

PHIL 090 - ETHICS

An exploration of attempts to develop an adequate personal moral philosophy, including the analysis of selected normative ethical theories and the problems of relativism, egoism and determinism.

0.000 TO 3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Critical Thinking, LPS Social & Ethical Course, Values and Ethics

### PHIL 091 - CONTEMPORARY ETHICAL PROBLEMS

Study of contemporary ethical problems from the perspective of philosophical and religious principles. Various sections of the course may specialize in different types of ethical problems. Crosslisted with REL 091. May be used as part of Women's Studies Concentration.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Values and Ethics, Women's Studies Course

### PHIL 1-- - PHIL UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Philosophy & Rel Department

### PHIL 103 - INTRO TO CHINESE PHILOSOPHY

This class explores China's major philosophical and religious traditions, or the "Three Teachings" of Daoism, Confucianism, and Buddhism. We look at doctrinal debates that unite and divide these three traditions, as well as at their rituals and practices. We pay special attention to how early texts discuss the effectiveness of various ritual actions. That is, how does Confucian ritual aid in moral cultivation? How does Buddhists meditation lead to enlightenment? And, what practices produce the astonishing skills of Daoist sages? Along the way, we will learn about Chinese culture and society, in both historical and contemporary contexts. Students will gain a solid foundation for continued study of China in various disciplines.

3.000 Credit hours

Levels: Non-Drake, Graduate, Law, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Global and Cultural Understand

#### PHIL 104 - ANCIENT PHIL

The study of the major philosophers of the ancient era, including Pre-Socrates, Plato, and Aristotle, and the major schools of the Hellenistic period. The philosophy of the period is set in the context of intellectual, social and scientific developments.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Critical Thinking

#### PHIL 105 - MEDIEVAL PHIL

A study of the major philosophers of the medieval era, from Augustine through Ockham, with reference to such issues as the existence of God, the nature of belief, the problem of universals and the rediscovery and extension of Greek philosophy.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

#### PHIL 106 - MODERN PHILOSOPHY

A study of the major philosophers of the modern era, such as Bacon, Descartes, Locke, Berkeley, Hume and Kant, with reference to certain, developments that influenced these men, e.g. the Renaissance, the Reformation, the rise of science and other important intellectual developments.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Critical Thinking

### PHIL 107 - CONTEMP PHILOSOPHY

A study of the major philosophers of the late 19th century and the 20th century. Such philosophical movements as Pragmatism, Idealism, Existentialism and Analytic Philosophy are examined, with an emphasis on the social and intellectual developments that influenced them - developments that followed from the work of such men as Darwin, Marx and Freud.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Critical Thinking

### PHIL 110 - EXISTENTIAL FILMS

Explore the meaning of life through films as well as readings in existential philosophy. This class will investigate questions about personal identity, fate and human freedom, moral relativism and universal truth, and finding fulfillment in life through readings by philosophers from a variety of world cultures. These readings will be paired with a selection of films all providing a different perspective on existential themes. All films will be available on reserve at the library, and students should plan on watching movies outside of class as part of weekly homework assignments.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Honors Track Elective

### PHIL 114 - SYMBOLIC LOGIC

Study of the concepts and techniques of modern formal logic, including axiomatic developments of the sentential calculus and an examination of the first-order predicate calculus in a system of natural deduction. Crosslisted with CS 114.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed



Philosophy & Rel Department

Course Attributes:  
Quantitative

### PHIL 117 - HEALTH CARE ETHICS

This course is an introduction to issues ethics in healthcare, between healthcare professionals and patients, between the state and its citizens, and with regard to individual decision-making. Topics discussed may be genetic technology, euthanasia, the concepts of disease and health, healthcare education, mind/body issues.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### PHIL 118 - FEMINIST ETHICS

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Critical Thinking, Values and Ethics

### PHIL 120 - LANGUAGE & INTERPRETATION

This course serves as an introduction to recent philosophy of language in the Continental philosophical tradition as focused on the theme of textual interpretation. Philosophical movements to be considered include hermeneutics, deconstruction, semiotics, and critical theory.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### PHIL 121 - COMPARATIVE RELIGIONS

This class serves both as an introduction to the academic field of comparative religion and as an actual comparison of several of the world's religions with respect to some question or theme (which will vary from year to year).

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Global and Cultural Understand, International & Multicultural

#### PHIL 125 - PHILOS OF RELIGION

This class serves as an introduction to the contemporary practice of philosophy of religion as well as an exercise in the comparative explanation and evaluation of religious reason-giving. Each year we will examine one particular set of religious ideas and reasons in several different religious traditions from a variety of disciplinary perspectives.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

#### PHIL 126 - THEORY OF KNOWLEDGE/BELIEF

Examination of significant issues in the theory of knowledge; such as the criteria of meaning and truth; a priori knowledge; knowing and sensing; and the problems of induction, memory and skepticism. Prereq.: One philosophy course.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

#### PHIL 127 - THEORIES OF REALITY

Discussion of selected metaphysical problems such as universals, materialism, causality, freedom, personal identity and the nature of metaphysical thinking. Prereq.: One philosophy course.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

#### PHIL 128 - LANGUAGE AND REALITY

An introduction to philosophy of language, linguistics, and semiotics focused on the issue of linguistic relativism, i.e., whether languages are significantly different, and if so, whether they shape significantly different views of reality. Examines evidence both in support of and against linguistic relativism, and then uses this evidence as a means of addressing the relationship between language and reality.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### PHIL 129 - PHILOSOPHY OF SCIENCE

Examination of the major topics and issues of contemporary philosophy of science, including: debates about the demarcation of science; issues related to theory change; questions of confirmation, evidence, and falsification; the nature of scientific explanation; the nature of laws; and the relative merits of various positions in the scientific realism debate.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Int Study Humanities/Sciences

### PHIL 130 - MINDS, BRAINS, AND COMPUTERS

An introduction to philosophy of mind, focused on the nature of intentionality and consciousness, the relationship between mental and physical states, and the possibility of artificial intelligence.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Int Study Humanities/Sciences

### PHIL 131 - GREAT PHILOSOPHERS

Concentrated study of selected individuals and schools from the history of philosophy, such as Plato, Kant or Positivism. A student may receive credit for four semesters of this course. Prereq.: One philosophy course or instructor consent.

1.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### PHIL 136 - THEORIES OF JUSTICE

Issues of distributive justice are frequently topics of passionate discussion with everyone agreeing that we ought to be just but also disagreeing about what criteria have to be met for justice to be achieved. Since the mid-twentieth century, philosophers have spent considerable time working to articulate and defend plausible theories of justice. This course focuses on close examination of several of these theories. Students will read primary texts, work to understand arguments presented in texts, apply the different theories to particular cases and evaluate the arguments.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Philosophy & Rel Department

### PHIL 137 - RIGHTS & RESPONSIBILITIES

Investigation of the philosophical questions regarding moral rights. Assuming that we have them, what are they? Why do we have them? Does the obsession with rights lead to a problematically individualistic culture? As we look at all of the questions, we will also be looking at the extent to which rights are connected with responsibilities.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Critical Thinking, Values and Ethics

### PHIL 138 - PHILOSOPHY OF ART

What is art? In this class, we will investigate four traditional definitions of art, apply these definitions to actual artworks, and try to come up with definitions of our own. We will learn about aesthetics and the philosophy of art from both the analytic and continental philosophical traditions, and we will explore interdisciplinary connections with fields such as art criticism, literary theory, and studio arts.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Artistic Experience, Critical Thinking

PHIL 140 - NEUROSCIENCE & THE LAW

This course investigates assumptions about choice, responsibility, and punishment reflected in our legal system and considers the extent to which our growing knowledge of the brain may support or challenge those assumptions. The course also considers what kinds of changes to existing legal and public policy may be reasonably supported by this investigation.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Int Study Humanities/Sciences

PHIL 148 - RELIGION AND SCIENCE

What is science? What is religion? Why has there been so much conflict in Western history between these cultural forces, and is such conflict inevitable? Do religious believers who speak about science or scientists who speak about religion overstep the legitimate boundaries of their respective disciplines? This course offers an examination of these and other questions. We will begin with an introduction to several perspectives and terms that will shape our discussion, and then we will proceed with a historical survey of the interaction of science and religion in Western culture. Students who successfully complete this course will achieve a greater knowledge of the history of science and religion, sharpened skills for analyzing the nature of both the scientific enterprise and religious thought and practices, and a cultivated awareness of how science and religion continue to interact in contemporary American society to shape public policy and perceptions.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Int Study Humanities/Sciences

PHIL 151 - SELECTED TOPICS

A seminar approach to significant issues in contemporary philosophy. A student may receive credit for four semesters of this course. Junior or senior standing or consent of instructor.

1.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Philosophy & Rel Department

### PHIL 173 - PHYSICS AND PHILOSOPHY

Some of our current physical theories have quite radical and seemingly paradoxical things to say about reality. But what do they really mean? What are their philosophical consequences? Why should we take them seriously? This course offers an examination of these and other questions. We will study avarious conceptions of space and time across history and consider philosophical issues arising from classical and quantum mechanics.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Int Study Humanities/Sciences

### PHIL 197 - SENIOR CAPSTONE

The Senior Capstone course is a culminating course in which students will bring to bear their philosophical knowledge and skills to "do philosophy" in one area which furthering their knowledge and skills. Emphasis will be put on primary sources, individual research and creative work and collaborative work. All seniors will participate in a departmental presentation of their work at the end of the semester. The particular topic of study will be selected by the professor teaching the course. Limited to Senior Philosophy majors or permission of instructor.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Philosophy & Rel Department

### PHIL 199 - INDEPENDENT STUDY

1.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Philosophy & Rel Department

### PHSC 0-- - PHSC LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Physics & Astr Department

#### PHSC 001 - PHYSICAL SCIENCE

An introduction to the basic concepts of physical science and the scientific method, with discussions of their applications to modern technology. Two hours of lecture and two hours of laboratory per week.

0.000 TO 3.000 Credit hours

0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Physics & Astr Department

Course Attributes:  
Physical Science

#### PHSC 01A - PHYSICAL SCIENCE

4.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

#### PHSC 1-- - PHSC UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Physics & Astr Department

#### PHSC 189 - TOPICS IN PHYS SCI

In-depth study of a special topic or topics in physical science. Enrollment by department consent.

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

PHSC 190 - TOPICS IN PHYS SCI

In-depth study of a special topic or topics in physical science. Enrollment by department consent.

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Physics & Astr Department

PHY 0-- - PHY LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

Physics & Astr Department

PHY 001 - INTRO PHYSICS I

An introduction to the fundamental concepts in classical mechanics. Three hours of lecture and three hours of laboratory per week. PHY 1 or equivalent is prerequisite for PHY 2. Prereq.: MATH 50, for PHY 2 MATH 70.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Discussion/Recitation, Lab, Lecture, Web Instructed

All Sections for this Course

Physics & Astr Department

Course Attributes:

Physical Science

PHY 002 - INTRO PHYSICS II

An introduction to the fundamental concepts in thermodynamics and electricity and magnetism. Three hours of lecture and three hours of laboratory per week. PHY 1 or equivalent is prerequisite for PHY 2. Prereq.: MATH 50, for PHY2 MATH 70.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate



Schedule Types: Discussion/Recitation, Lab, Lecture, Web Instructed

Physics & Astr Department

### PHY 003 - CONTEMPORARY TOPICS SEMINAR

A seminar course introducing students to contemporary developments and problems in Physics and Astronomy presented by the faculty. The purpose of the course is to share the fascination and excitement of Physics and Astronomy, learn what to anticipate in their studies of these fields and become informed on the professional opportunities. The course also serves as an introduction to scientific presentation and writing.

1.000 Credit hours

1.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### PHY 011 - GENERAL PHYSICS I

Mechanics, properties of matter, heat and sound. Emphasis is placed on applications to the medical sciences. Three hours of lecture and three hours of laboratory per week. PHY 11 is a prerequisite for PHY 12. This course is designed primarily for biology majors. Prereq.: MATH 20 or equivalent.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Discussion/Recitation, Lab, Lecture, Web Instructed

All Sections for this Course

Division Undeclared Division

Physics & Astr Department

Course Attributes:

Physical Science

### PHY 012 - GENERAL PHYSICS II

Properties of light, magnetism, electricity and modern physics. Emphasis is placed on applications to the medical sciences. Three hours of lecture and three hours of laboratory per week. This course is designed primarily for biology majors. Prereq.: PHY 11 or equivalent.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Discussion/Recitation, Lab, Lecture, Web Instructed

Physics & Astr Department

PHY 050 - MODERN PHYSICS

Historical development of modern physics; wave and particle theories of matter; discussion of origin of quantum theory and development of Schrodinger equation; atomic and nuclear structure. Four hours of lecture per week. Prereq.: PHY 001 and Math 100. Co-requisites courses: PHY 059.

4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Physics & Astr Department

Course Attributes:  
Critical Thinking

PHY 059 - ADVANCED LAB I

Experiments in modern physics. Six hours of laboratory per week. Coreq.: PHY 50 and PHY 59.

0.000 TO 2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lab, Lecture, Web Instructed  
All Sections for this Course

Physics & Astr Department

PHY 061 - ERROR THEORY

An introduction to the theory of error. The course includes presentation of random and systematic errors, expectation values, standard deviations of measured quantities, error propagation, gaussian, poissonian, and student distributions, correlations, chi-squared fitting, confidence level. Prerequisite or corequisite: PHY 002.

1.000 Credit hours  
1.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

PHY 1-- - PHY UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Physics & Astr Department

PHY 121 - THEORETICAL MECHANICS

Conservation laws and conservative systems; the harmonic oscillator, central forces, rotating coordinates, angular momentum, rigid body dynamics and relativity; methods of Lagrange. Four hours of lecture per week. Preq.: PHY 1 or equivalent. Coreq.: MATH 120.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

PHY 122 - ELECTROMAGNETIC THEORY

Theory of the electric potential, fields and currents; magnetic effects of currents, electromagnetic induction, electric and magnetic fields in matter; Maxwell's equations, applications and solutions. Four hours of lecture per week. Prereq.: PHY 2 or equivalent. Coreq.: MATH 121.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

PHY 132 - MEDICAL BIOPHYSICS

This course offers a comprehensive introduction to fundamental concepts and methods in medical biophysics, an interdisciplinary field at the interface of physics, biology and medicine. The course will explore the physical and physiological principles underlying the behavior of biological systems, in particular the human body. Concepts from various branches of physics will be introduced in the context of living organisms. Additionally, modern methods from medical physics, including laser surgery, ultrasound imaging, computed tomography, radiation therapy and magnetic resonance imaging, will be investigated. The emphasis will be on the applications of physics in biology and medicine.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

PHY 133 - ELECTRONICS

Intended for advanced undergraduates who desire a comprehensive course in electronic circuits and instrumentation. Two hours of lecture and four hours of laboratory per week. Prereq.: PHY 2 or equivalent.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Physics & Astr Department

#### PHY 149 - ADVANCED LAB II

Advanced experiments in physics. Six hours of laboratory per week. Prereq.: PHY 59 or equivalent.

0.000 TO 2.000 Credit hours

0.000 TO 2.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Discussion/Recitation, Lab, Web Instructed

Physics & Astr Department

#### PHY 156 - INTRO TO BIOPHYSICS

An inquiry-based introduction to topics in biophysics.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

#### PHY 159 - ADVANCED LAB III

Advanced experiments in physics and astrophysics. Six hours of laboratory per week. Prereq.: PHY 149 or equivalent.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Web Instructed

Physics & Astr Department

#### PHY 170 - HOT TOPICS IN PHY & ASTR

Directed independently study courses on topics agreed upon between the student and the instructor. Their purpose is to help develop an individualized curriculum that fits the interests and professional objectives of students.

1.000 TO 3.000 Credit hours

1.000 TO 3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### PHY 181 - QUANTUM THEORY

The solution of Schrodinger's equation for harmonic oscillator and hydrogen atoms; eigenfunctions and eigenvalues, potential well problems; scattering theory and matrix formulation. Four hours of lecture per week. Prereq.: PHY 50 or equivalent and MATH 120 or consent of instructor.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### PHY 182 - THERMO/STATISTICAL PHYSICS

Thermodynamic properties of matter; kinetic theory of gases; introduction to classical and quantum statistical mechanics. Four hours of lecture per week. Prereq.: PHY 50 or equivalent.

4.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### PHY 183 - NUCLEAR AND PARTICLE PHYSICS

Properties of nuclei, the nuclear force, the two nucleon problem, complex nuclei, nuclear models, radioactive decay and selection rules, elementary particle production and decay, symmetries and conservation laws. Four hours of lecture per week. Prereq.: PHY 50 or equivalent.

4.000 Credit hours  
4.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### PHY 184 - MODERN OPTICS

Wave theory; interference and diffraction; polarization; interaction of radiation and matter; coherent radiation. Three hours of lecture per week. Prereq.: PHY 50 or equivalent.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

#### PHY 186 - PLASMA PHYSICS

Atomic collisions and kinetic theory; motion of charged particles; continuum magnetohydrodynamics and elementary stability theory; transport processes; waves, oscillations and radiation in plasma. Three hours of lecture per week. Prereq.: PHY 50 or equivalent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

#### PHY 187 - SOLID STATE PHYSICS

Lattice dynamics and thermodynamics of solids; free electron theory of metals and band structure of solids; electronic structure of conductors, insulators and semiconductors. Three hours of lecture per week. Preq.: PHY 50 or equivalent.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

#### PHY 188 - ADVANCED CLASSICAL PHYSICS

Calculus of variations, Lagrangian and Hamiltonian methods; Hamilton-Jacobi theory, continuum mechanics; Laplace's equation, relativistic electrodynamics, radiation fields and applications. Four hours of lecture per week. Prereq.: PHY 121 and 122; MATH 120 or consent of instructor.

4.000 Credit hours

4.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

#### PHY 189 - SELECTED TOPICS

In-depth study of a special topic or topics in physics. Prereq.: Consent of the department.

0.000 TO 5.000 Credit hours  
5.000 Lecture hours  
0.000 Lab hours  
0.000 Other hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Independent Study, Lab, Lecture, Web Instructed

Physics & Astr Department

#### PHY 190 - SELECTED TOPICS

In-depth study of a special topic or topics in physics. Prereq.: Consent of the department.

0.000 TO 5.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Independent Study, Lab, Lecture, Web Instructed

Physics & Astr Department

#### PHY 191 - PHYSICS SEMINAR I

Students make seminar presentations on advanced physics and/or astronomy topics. They also critique presentations made by other students. One class hour per week.

1.000 Credit hours  
1.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

#### PHY 192 - PHYSICS SEMINAR II

Students make seminar presentations on advanced physics and/or astronomy topics. They also critique presentations made by other students. One class hour per week.

1.000 Credit hours  
1.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

#### PHY 193 - PHYSICS SEMINAR III

Students make seminar presentations on advances physics and/or astronomy topics. They also critique presentations made by other students. One class hour per week.

1.000 Credit hours  
1.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### PHY 195 - INTRO ASTROPHY II

An advanced course that reviews the Milky Way, the nature of galaxies, galactic dynamics (including potential theory, stellar orbits, disk dynamics and spiral structure), galactic evolution, active galaxies, structure of the universe, cosmological models and the early universe. Three hours of lecture per week. Prereq.: PHY 50 or consent of the instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Physics & Astr Department

### PHY 197 - RESEARCH I

Students enrolled in these courses work with members of the staff in research projects. Prereq.: Consent of the department.

1.000 TO 4.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Physics & Astr Department

### PHY 198 - RESEARCH II

Students enrolled in these courses work with members of the staff in research projects. Prereq.: Consent of the department.

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Physics & Astr Department

### POLS 0-- - POLS LOWER DIVISION

1.000 TO 10.000 Credit hours



Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Political Science Department

### POLS 001 - AMER POLITICAL SYS

A survey of the politics and processes of American government at the national level: the constitutional foundations of American government, national institutions, chiefly the Presidency, Congress and Supreme Court, and the political forces that shape American government, including elections, parties and interest groups. Prereq.: none.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Political Science Department

### POLS 065 - COMPARATIVE POLITICS

This introductory course encourages students to look at politics in other countries from a comparative perspective. Basic topics in the field include the origins of states, political culture, types of political regimes, political institutions, causes of revolution, the roots of democracy and political development. The study of a few select countries and regions helps to illustrate these concepts. Prereq.: none.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Political Science Department

Course Attributes:  
Global and Cultural Understand

### POLS 075 - WORLD POLITICS

An introductory survey of the field of international relations, covering differing national perspectives on current issues, current trends in the evolution of the international system, sources of conflict, international political economy, and the roles of international law and international organizations. Prereq.: none

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen

### POLS 085 - CONCEPTS IN POLITICS

An introduction to fundamental concepts and issues in the study of politics through an intensive reading of central texts in political theory. Prerequisites: POLS 001 and POLS 065 and POLS 075.

3.000 Credit hours  
3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Discussion/Recitation, Independent Study, Lecture, Web Instructed

Political Science Department

### POLS 095 - METHODS IN POLITICS

This course provides a broad introduction to the methods used to conduct systematic inquiry into political science. Beginning with research design considerations and literature review, students will address both qualitative and quantitative methodologies used among political science scholars, including case study analysis, comparative methods, elite interviews, empirical analysis, and formal models. Pre-reqs: POLS 001 and POLS 065 and POLS 075.

3.000 Credit hours  
3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Quantitative

### POLS 1-- - POLS UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

### POLS 102 - WASHINGTON CENTER

Twelve hour semester-long course of study through The Washington Center for Internships and Academic Seminars in Washington, D.C. Students may pursue a variety of courses of study together with an internship in the Washington area. Prereq: POLS 001 and instructor's consent.

0.000 OR 12.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Political Science Department

### POLS 109 - SPECIAL TOPICS

Units of study focusing on special issues, problems, or developments in international relations.

0.000 TO 3.000 Credit hours  
0.000 TO 3.000 Lecture hours  
0.000 Lab hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Political Science Department

### POLS 112 - WOMEN IN POLITICS

Examination of the role that women play in American politics, the changes in that role over time, and the obstacles yet confronting women who aspire to political careers. Analysis of selected contemporary issues of special importance to women in politics. Prereq.: POLS 1 or instructor's consent. May be used as part of Women's Studies Concentration.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Women's Studies Course

### POLS 113 - AMER ELECTORAL PROC

Examination of the role of elections in the American political system. Focus on voting behavior, the influence of money and campaign strategy. Special attention to the impact of the mass media. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen

### POLS 114 - PUBLIC OPINION

Examination of the origins and effects of public opinion. Exploration of the processes of socialization and political learning. Focus on the impact of opinions on the political activity of citizens and on governmental actions. Special attention to public opinion polling. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen

### POLS 115 - PRESIDENT NOMINATION PROCESS

An in-depth study of the presidential campaign process, with special attention to the role of the Iowa Caucuses and the structure, timing and sequence of the nomination process on the way we choose our Presidential candidates. Focus on the role of money, media, voters and candidate strategy. Examination of the impact of the system on the ability of President's to govern. Prereq.: POLS 001 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, LPS Public Policy Course

### POLS 116 - MEDIA/MODERN POLITIC

Examination of the impact of the mass media, especially television, on American politics. Exploration of how the organization and broadcast patterns of the media affect political change. Focus on how these patterns affect the public, the president and Congress. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen

### POLS 117 - RACE & AMERICAN POLITICS

Contemporary American national politics has been profoundly influenced by race-related issues including busing, urban problems, and affirmative action. This course will acquaint students with how political scientists analyze the effect of race on American politics. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

### POLS 119 - TOPICS AMER GOVT/POL

Units of study focusing on special issues, problems, or developments in American government and politics. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

### POLS 120 - PROF SEMINAR IN INTL RELATIONS

This course will prepare students to become effective managers of their own career development. We will explore the range of professional opportunities available to students of international relations. Students will assess their own personal strengths and interests and skills, identify professional goals and consider which education choices (e.g., course selection, language study, study abroad, experiential learning, graduate school, etc.) will best serve these goals. Activities will include aptitude assessment, resume writing, interviews with alumni, mock job interviews and career exploration.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Politics & Int'l Relations Department

### POLS 121 - UN/GLOBAL SECURITY

Students explore the development of the United Nations and the record of UN efforts to promote international peace and security. Students also examine a variety of proposals for UN reform.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, Global and Cultural Understand

### POLS 122 - INTERNATIONAL SECURITY

This course will examine how states define and respond to threats to their security. Topics include the sources of international insecurity, the persistence and possible obsolescence of war, the relationship between power-seeking and war, the social, demographic and environmental sources of violent conflict, the various dimensions of warfare in a nuclear age, the rise of cyber-threats to security and the implications of robotics and autonomous weapons on the future of warfare.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

### POLS 123 - TRANSNATIONAL ADVOCACY NETWORK

This course examines the role that transnational advocacy networks (TANs) play in world politics with respect to such issues as human rights, peace, the environment, development, labor and gender. TANs are political networks of nongovernmental organizations and activists that focus on specific issues and span two or more countries. TSMs seek social change consistent with core principled ideas. As the international role of such networks has grown in recent decades, so has the need for us to understand their origins, practices, impact and potential. Previous completion of POLS 75 is recommended, though not required.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, LPS Comparative Course

### POLS 124 - REVISITING VIETNAM

The Vietnam War was perhaps the most controversial international engagement in American history. This course treats Vietnam as a case study in the making of U.S. foreign policy. Our central concern will be to answer the question: What went wrong? We will examine the war through the eyes of various parties to the conflict: American policy-makers, military leaders, common soldiers, anti-war activists, public opinion and the Vietnamese themselves, both allies and adversaries. Previous completion of POLS 075 is recommended, though not required.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen

### POLS 125 - POST-CONFLICT JUSTICE

This course will address national and international efforts to promote justice and to establish the rule of law at the end of violent conflicts between and within nation-states. We will explore a variety of mechanisms for pursuing peacebuilding and post-conflict justice, including trials, war crimes tribunals, truth and reconciliation commissions, and reparations. Prereq.: POLS 075 or instructor's consent.

3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, LPS Comparative Course, Values and Ethics

### POLS 126 - POLITICAL ECONOMY OF GLOBALIZA

This course will examine the political and economic dimensions of globalization. In particular, we will explore the ways in which globalization is shaped by political actions and institutions and how globalization, in turn, impacts politics within and among countries. Our focus will be on the integration of markets in the areas of trade, finance, labor and information and the impacts of globalization on growth, inequality and the environment. Prerequisites: POLS 075 or 065; or instructor's consent.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Political Science Department

Course Attributes:  
Global and Cultural Understand, LPS Comparative Course

### POLS 127 - GLOBAL HEALTH

This course examines global public health challenges in an era of globalization. Students will explore a variety of threats to national and human security stemming from transnational public health challenges that transcend national borders.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, Global and Cultural Understand

POLS 128 - CRISIS DEC-MAKING US FORGN POL

This course will examine how U.S. presidents and their foreign policy advisers make decisions under crisis conditions. In addition to examining relevant theoretical and historical literature, students will engage in several role-playing exercises that simulate the deliberations of the U.S. National Security Council as it develops recommendations for responding to crisis scenarios grounded in real-world cases. Students will gain a deep understanding of how the policy-making process is shaped by the special conditions that typically accompany crises, including high stakes, time urgency, incomplete information, competing goals and high levels of uncertainty. Graded assignments will include an in-class essay exam, briefing papers, reflection papers and simulation performance.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department

POLS 129 - TRANSITIONS TO DEMOCRACY

Examination of the theories and practices of two types of political regimes: democracies and dictatorships. Why do so many countries want to become democratic now, and will these new democracies last? Major paper required. Prereq.: POLS 65 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, Global and Cultural Understand, Cat 2 - LPS - Contemp Issues

POLS 130 - STATE & LOCAL GOVERNMENT

The structure and functions of the states in the federal union; their relations to the national government; state constitutions; political parties; and the administration of the main state functions. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department



### POLS 131 - NATIONALISM/POLITICS E. EUROPE

This course addresses the political dynamics of nation- and state-building in Central and East European countries that used to be parts of multinational empires (Austro-Hungarian, Russian, Ottoman), the Soviet bloc and its failed federations (Yugoslavia, Czechoslovakia and the USSR) and are now members of the European Union or seek to join it.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Politics & Int'l Relations Department

Course Attributes:  
Engaged Citizen, Global and Cultural Understand

### POLS 132 - THE POLITICS OF INEQUALITY

Inequality serves as a powerful force driving our political life. We will explore inequality from a number of perspectives: Why do some people have more than others? Which is the more powerful predictor of one's economic status – class origins or place of birth? What are the social, economic and political impacts of inequality? How and why have degrees of inequality varied over time globally and within the United States and other countries? Can inequality be mitigated? What is the relationship between growing inequality and the various forms of populist politics that have arisen in the U.S. and Europe?

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Politics & Int'l Relations Department

### POLS 136 - RACIAL JUSTICE & HUMAN RIGHTS

This course focuses on the pursuit of racial justice for African Americans in the aftermath of World War II in the context of the global development of international human rights law.

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Global and Cultural Understand, Historical Foundations

### POLS 138 - U.S.-CHINA RELATIONS

This course will explore the challenges that the United States and China will face in managing relations during a period when China's international power is rising relative to that of the United States. We will examine whether the vital interests of these two great powers are compatible, whether their visions of international order

can be reconciled and whether political and cultural differences are manageable. The course will feature a simulation of the US-China Strategic and Economic Dialogue.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Politics & Int'l Relations Department

### POLS 139 - COMPARATIVE ASIAN POLITICS

Comparative analysis of the political, economic, and social systems of the countries of Asia, with a particular focus on China, India, Japan, and Indonesia.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, Global and Cultural Understand, Cat 2 - LPS - Contemp Issues

### POLS 151 - THE AMERICAN PRESIDENCY

Analysis of the role of the presidency in the American political system, with special attention to the nature and extent of presidential powers and duties. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, Cat 1 - LPS - Law & Policy, LPS Public Policy Course

### POLS 152 - CONGRS & LEGIS PROC

Examination of the U.S. Congress in terms of its functions as both a lawmaking institution and a representative institution. Attention to the legislative process, congressional elections, party leadership, and executive-legislative relations. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, LPS Public Policy Course

### POLS 153 - JUDICIAL POLITICS

An examination of the role of the federal judiciary in American government. Topics include the design and structure of the American courts, judicial selection, judicial decision-making, the implementation of judicial decisions, and the interaction between the courts and the political environment. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, LPS Law Course, LPS Public Policy Course

### POLS 155 - AMERICAN PUBLIC POLICY

Critical examination of contemporary public-policy issues in the United States with emphasis on the dynamics of issue development, political culture, basic institutions, processes, and contemporary problems. Special attention to the various models of the policy process. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, Cat 1 - LPS - Law & Policy, LPS Public Policy Course

### POLS 156 - ENVIRON POLITICS & POLICY

Analysis of the relationship between political and economic forces and environmental control of such problems as the population explosion, air-water pollution, nuclear contamination, urban congestion, and rural deterioration. Prereq.: POLS 1 and/or ENV 35-56, or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, LPS Public Policy Course

### POLS 160 - MODERN EUROPE POLITICAL SYS

Comparative analysis of the political structures, cultures and institutions of government in selected Western and Eastern European nations. Examination of the European Community, the sovereignty of EC members, and other issues influencing politics in contemporary Europe. Prereq.: POLS 65 or instructor's consent.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, Global and Cultural Understand, LPS Comparative Course, International & Multicultural

### POLS 161 - POLS RUSSIA & FORMER SOVIET UN

After an overview of the Soviet political system and its breakdown, the course will devote several weeks to contemporary Russian politics, especially since 2000. It will also cover Central and Eastern Europe since 1989, with a special emphasis on current political developments.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

### POLS 162 - GOVERNMENT & POLITICS OF CHINA

Examination of the Chinese political tradition, revolution, and the People's Republic. Attention given to geographical, historical, social, cultural, and economic foundations of political development and to contemporary issues and problems. Prereq: POLS 065 or instructor's consent.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, Global and Cultural Understand

### POLS 163 - GOVt & POLITICS OF JAPAN

Examination of the political system of Japan with attention to both political tradition and contemporary politics, including analyses of historical and social foundations, political groups and parties, and major issues in domestic and foreign policy. Prereq.: POLS 65 or instructor's consent

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen

### POLS 165 - GOVT & POL DEVELOPING NATIONS

Comparative analysis of the structures, processes and problems of political systems in developing countries. Particular attention to Africa and the theories of political development. Prereq.: POLS 65 or instructor's consent

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Community Engaged Learning, Engaged Citizen, Global and Cultural Understand, LPS Comparative Course, International & Multicultural

### POLS 166 - COMPARE POL PARTIES

Examination of the role of citizen organizations in Western democracies. Exploration of the role of political parties and interest groups in political processes and their effects on policy outputs. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, Cat 1 - LPS - Law & Policy

### POLS 167 - SUPREME COURTS & ELECTIONS

Examination of the relationship between the judiciary and electoral politics in the United States and other Western Style democracies. Exploration of issues of democratic competition, representation and campaign

finance. Special attention to equality and fairness and the empirical study of representative government.  
Prereq.: POLS 001 or permission of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, LPS Law Course

### POLS 168 - POLITICS & PARLIAMENTS

Examination of similarities and differences among such parliamentary systems as those in Britain, Canada, Australia, and India; exploration of contrasts between parliamentary and presidential forms of government.  
Prereq.: POLS 65 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen

### POLS 169 - TOPICS/COMPAR GOV

Units of study focusing on special issues, problems or developments in comparative government and politics.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Cat 2 - LPS - Contemp Issues

### POLS 170 - INTERNATIONAL LAW

Examination of extent to which international law governs interactions among states in contemporary world politics. Exploration of fundamental principles of international law and their possible erosion in recent decades as a result of growing support for new international legal norms such as human rights.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, LPS Comparative Course, LPS Law Course

#### POLS 171 - POL INTEGRATION OF EUROPE

Examination of Europe's various attempts at unification since W.W.II, with special emphasis on both the role of individual member states within the European Union and the role of the EU as an international organization operating within the international community.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, Global and Cultural Understand, LPS Comparative Course, International & Multicultural

#### POLS 172 - JAPAN & WORLD: ISSUES WAR&MEM

In 1945, Japan was a colonial power embroiled in a world war. Today we recognize Japan as one of the US's strongest allies, a collaborative and cooperative partner of China and Korea on a plethora of transnational issues, and one of the major trading partners of each of these countries, a reality that helped it to become the second largest economy in the world. In this course, we will explore how national identities and international relationships were created in war and in the aftermath of war, how the people of different nations remember the Pacific War, how and why so-called "history issues" continue to be the most intractable issues in Japan's foreign relations today, and what the prospects are for moving beyond national collective memories of war in Japan, the US, China, and Korea.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Political Science Department

Course Attributes:

Historical Foundations

#### POLS 173 - HUMAN RIGHTS/WRLD POL

Examination of the politics of human rights and the changing nature of sovereignty in the international system. Special attention to major threats to human rights in the contemporary world, and to cultural and political obstacles to international consensus on human rights norms and the appropriate mechanisms for their implementation.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, LPS Comparative Course, Values and Ethics

### POLS 174 - GLOBAL MIGRATION

This course explores global migration and dynamics in both historical and contemporary context. It examines state efforts to regulate international migration and comparative immigration policies. The course looks at the nexus between global migration and citizenship and considers the way that restrictive immigration policies produce exclusionary and inequitable conceptions of citizenship.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, Global and Cultural Understand

### POLS 175 - HUMAN TRAFFICKING

Human trafficking, which exploits people for sex or forced labor, is a multi-billion-dollar enterprise that has caught the attention of governments, law enforcement, activists, and the media worldwide. Globally, there are estimates of up to 30 million people who are directly affected by human trafficking. This includes those in the state of Iowa, where governmental and non-governmental entities have been aggressively seeking to combat the proliferation of this illicit business. In this course we will explore the causes, varied forms, and historical foundation of this "modern-day slavery," and learn, firsthand, what solutions government and non-governmental organizations are pursuing in our own communities, as well as abroad.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Politics & Int'l Relations Department

Course Attributes:  
Values and Ethics

### POLS 176 - GENDER/INTERNATIONAL RELATIONS

Examination of the way considerations of gender challenge traditional approaches to the study of world politics, with special attention to national security, war and peace, human rights and economic development. A large part of the course focuses on how women have been affected by global politics. Prereq.: POLS 75 or instructor's consent. May be used as part of Women's Studies Concentration.



3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, LPS Comparative Course, LPS Public Policy Course, Women's Studies Course

### POLS 177 - GENDER AND WAR

This course addresses the relationship between gender and war in historical and contemporary context. The course examines the ways in which socially constructed gender norms shape the causes, tactics, and consequences of war. Topics include an examination of gender in war propaganda and military training, gender roles in combat, and the gendered construction of the innocent civilian.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Global and Cultural Understand

### POLS 178 - US/E ASIAN RELATIONS

Examination of American-East Asian relations in historical and theoretical perspectives. Topics include the open door policy, the Pacific War, the war in Korea, the quagmire in Vietnam, and Japan's economic challenge. Prereq.: POLS 75 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

### POLS 179 - AM FOREIGN POLICY

An analysis of patterns and trends in recent American foreign policy and an examination of the process of foreign policy formulation, including the roles of the president, Congress, the bureaucracy, the military, pressure groups, public opinion and other forces. Prereq: POLS 75 or instructor's consent.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Engaged Citizen, Cat 1 - LPS - Law & Policy, LPS Comparative Course

### POLS 180 - CLASSICAL POLITICAL THEORY

Reading of original texts in Western political thought from ancient to early modern times. Special attention to Plato, Aristotle and Machiavelli, with a focus on the contrast between ancient and modern conceptions of politics. Prereq.: POLS 1 and sophomore standing or above or instructor's consent.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Critical Thinking

### POLS 181 - MODERN POLITICAL THEORY

Reading of original texts in Western political thought from early modern to contemporary times. Special attention to Hobbes, Locke, Rousseau, Burke, Marx and Mill, with a focus on the contrasts among modern liberalism, conservatism and radicalism. Prereq.: POLS 1 and sophomore standing or above or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:

Critical Thinking, LPS Social & Ethical Course

### POLS 182 - POLITICAL THEORY AMERICAN FOUNDING

An examination of issues such as constitutionalism, representation, the nature of the union, majority rule and individual rights, and the nature of democracy that received theoretical expression and attention during the American Founding and have political relevance today. Prereq: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Political Science Department

### POLS 183 - AMERICAN LIBERALISM/CONSERVATISM

This course is an exploration of the historical roots and contemporary versions of the political theories of American liberalism and the political theories of American conservatism. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen

#### POLS 184 - MARXISM

Through an examination of the Marxist understanding of reason, history, and nature, this course explores Marxism as a general social theory. Special attention to Marxism's roots in German Idealism and its distinction between idealist and materialist modes of social explanation. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

#### POLS 185 - AMERICAN POLITICAL THOUGHT

Examination of the main currents and issues of American political thought from the Founding period to the present. Special attention to topics such as constitutionalism, representation, majority rule vs. individual rights, and liberalism and conservatism. Prereq: POLS 1 or instructor's consent. Students may not take both POLS 185 and POLS 182-183 for credit.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, LPS Social & Ethical Course, LPS Historical Course

#### POLS 186 - LAW, POLITICS, & RELIGION

After some attention to the political behavior of religious groups in America, this course explores the important theoretical question of whether a truly secular society is possible. Specifically, does a political-legal system have the capacity to be neutral regarding religious belief, or does it always and necessarily constitute the establishment of a set of religious beliefs? In what sense and to what extent is it legitimate to appeal to religious doctrine and belief when engaged in political argument? Prereq.: POLS 001 or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, Cat 2 - LPS - Contemp Issues, LPS Law Course

### POLS 189 - TOPICS/POL THEORY

Units of study focusing on special issues, problems, or developments in political theory. Prereq.: POLS 1 or instructor's consent.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen

### POLS 190 - SEMINAR IN CONST LAW

Through a semester-length focus on a specific topic in American constitutional law, the course explores the nature of law, constitutional theory and interpretation. Students may repeat the course for credit whenever a new topic is offered. Prereq.: POLS 1 and sophomore standing or above or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Political Science Department

Course Attributes:  
Engaged Citizen, LPS Law Course

### POLS 191 - SENIOR SEM-POLITICS

Taught by various members of the Department on a rotating basis during the fall semester only, this senior capstone seminar seeks to integrate and reflect on previous coursework in politics. Students will explore the nature of politics through a focus on the theories, concepts, and tools of sophisticated political analysis. Prereq.: prior completion of all Politics subfield requirements, and senior standing or instructor's consent.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Political Science Department

POLS 192 - SEM INT'L REL THEORY

An examination of contending theories in the field of international relations. Compares realists, liberal and globalist approaches to understanding international conflict. Considers relevance of various theoretical arguments to the analysis of contemporary events and trends. Prereq.: POLS 75 and junior or senior standing.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Political Science Department

Course Attributes:  
Written Communication

POLS 193 - INTERNSHIP POLS

Individualized experience in government/politics accompanied by directed reading, research and reports. Limited admission. Prerequisites: Sophomore, Junior, or Senior standing; 15 hours of POLS classes completed with GPA in all POLS classes of 3.0 or above; Instructor and Advisor consent.

1.000 TO 3.000 Credit hours  
1.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Political Science Department

POLS 194 - INTERNSHIP OF POLS

Individualized experience in government/politics accompanied by directed reading, research and reports. Limited admission. Prerequisites: Sophomore, Junior or Senior standing; 15 hours of POLS classes completed with GPA in all POLS classes of 3.0 or above; Instructor and Advisor consent.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Political Science Department

POLS 199 - IND RESEARCH

Changed from 1-3 credits to 0-3 credits on 11/11/15 to accommodate for a 0-credit section of Model Arab League offered in fall 2015.

0.000 TO 3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Political Science Department

PSY 0-- - PSY LOWER DIVISION

0.500 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Psychology Department

PSY 001 - INTRO PSYCHOLOGY

A survey of contemporary methods and approaches to the science of behavior, which may include such topics as methodology, physiology, developmental and social psychology, sensation, perception, learning, intelligence, personality, and mental illness and treatment. Psychology lab is required. The laboratory uses experiments, discussions, demonstrations and other activities to complement the materials in the lecture. Psychology 001 is required for majors and minors.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Psychology Department

Course Attributes:  
Life Science

PSY 011 - INTRODUCTORY STATISTICS

This course is an introduction to the methods, strategies, and analytic procedures commonly employed in the behavioral and life sciences to conduct and report empirical and experimental research. Through a combination of 4 hours of lecture and a two-hour laboratory session each week, students learn the fundamental theoretical and practical aspects of statistical analysis, as well as its strengths and limitations. The course prepares students to comprehend and evaluate critically scientific literature and provide a knowledge base from which they may draw in designing psychological research. Since these foundations in quantitative and scientific literacy are essential for advanced work in psychology, this course serves as a prerequisite to many upper division psychology courses. Prereq: PSY 001; MATH 020 recommended.

0.000 OR 4.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Psychology Department

Course Attributes:  
Quantitative

### PSY 012 - WRITING IN PSYCHOLOGY

This course introduces students to principles and conventions of written communications in psychology. We consider key genres of writing within psychology, features of psychological styles and format, and conventions of writing style. This is a writing-intensive course that includes a variety of short assignments and one long review paper.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lecture, Web Instructed

Psychology Department

Course Attributes:  
Written Communication

### PSY 013 - RESEARCH METHODS

This course provides an introduction to research methods in psychology. Students develop skills to read and critically evaluate psychological research published in professional journals or reports presented in popular media, as well as acquire a knowledge base for designing original research in psychology. The course combines lecture and laboratory work, and includes designing, conducting, analyzing, and reporting a group research project in written form. The course serves as a prerequisite to many upper division courses in the Department of Psychology. Pre-req: PSY 001, PSY 011.

0.000 TO 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Psychology Department

Course Attributes:  
Critical Thinking

### PSY 024 - ANIMAL BEHAVIOR

This course provides an introduction to the study of animal behavior often called ethology, with an emphasis on evolutionary approach. Although ethological and evolutionary approaches can be successfully applied to human behavior, this course primarily deals with animal behavior in natural environments. We cover a variety of topics, including: natural selection and evolution, development of behavior, neural and hormonal control of behavior, predator-prey interactions, foraging behavior, territoriality, reproductive behavior, and social behavior. In addition, students design, conduct, write up, and present a group research project as part of their coursework. Cross listed with BIO 025. Prereqs: PSY001 or BIO 013 or NSCI 001.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

Course Attributes:  
Critical Thinking

### PSY 026 - HUMAN EVOLUTIONARY PSYCHOLOGY

Human social behavior is critically examined from the perspective of modern evolutionary theory. Do people behave in ways that tend to maximize their reproductive success? The course examines the issues critically, and uses readings to facilitate vigorous classroom discussion. Topics include: the history of the Darwinian revolution, sexual selection, kin selection, human evolutionary history, the evolution of mating systems, strategies for reproduction, and Darwinian views of "moral" behavior -- specifically, altruism and cooperation. Prereqs: PSY 001 or BIO 012 or BIO 013.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 028 - DRUGS AND BEHAVIOR

In this course we examine a range of recreational and therapeutic drugs that people use primarily for their psychological and behavioral effects. Among the areas of focus are: 1) understanding how drugs exert their actions on brain chemistry to create the desired effect, and 2) examining issues of addiction, tolerance, recovery, etc. Examples of categories of drugs discussed include: opiates, alcohol, hallucinogens, stimulants, and commonly used psychotropic medications. Prereq: PSY 001.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 030 - SOCIAL PSYCHOLOGY

A survey of theories and research in social psychology in which we focus primarily upon the effects of people and situations on human behavior. Topics include person perception, social cognition, stereotyping/prejudice, social influence, aggression, altruism and helping behavior, and group dynamics. Prereq: PSY 001

3.000 Credit hours



3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

Course Attributes:  
Critical Thinking

#### PSY 042 - CHILD & ADOLES PSY

An overview and analysis of physical, mental, social and emotional development during childhood and adolescence. The course focuses on interplay of genetic factors, maturational status, and experience in determining the course of behavioral development. Prereq.: PSY 001.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

#### PSY 044 - ADULT DEVELOPMENT AND AGING

This course is designed to provide students with an understanding of the cognitive, social, physical, behavioral, and functional changes associated with aging; the theories related to the aging process; and the ethical concerns in geriatric care. Furthermore, students can expect to learn about the services provided by a community-based, non-profit agency and acquire experience interacting with elders by completing a service-learning component as part of this course. Prereq: PSY 001.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

#### PSY 050 - PSYCHOLOGY OF CREATIVITY

This course provides an introduction to the scientific study of creativity. We examine how individual and sociocultural factors relate to creative products and processes. Topics include personality, biology, cognitive processing, health, groups, organizations and culture.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 060 - PRIN OF BEHAVIOR

This course provides a broad overview of both theoretical and applied aspects of the scientific study of behaviour called behavior analysis. Students learn about the basic philosophy, principles and procedures of behavior analysis. Students also learn how these principles and procedures can be used to understand and modify real-life behaviors. Prereq: PSY 001.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 076 - ABNORMAL PSYCHOLOGY

This course exposes students to some general clinical perspectives about human behavior and psychological problems. Several major theoretical approaches to personality, abnormal behavior, assessment, and treatment are discussed in the context of psychological disorders such as substance abuse, depression, schizophrenia and family violence. Prereq.: PSY 001.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 080 - SPORTS PSYCHOLOGY

Examination of the role of psychology in the analysis and motivation of competitive athletics and physical fitness activities. Prereq.: PSY 001.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 085 - ORGANIZATIONAL PSY

An examination of factors that affect human behavior in organizations. Topics include job attitudes and satisfaction, motivation, leadership, organizational culture, communication, job design and human factors. Prereq: PSY 001.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

**PSY 090 - INDEPENDENT STUDY**

Directed independent study that introduces students to techniques and skills that are necessary to conduct advanced research (PSY 190/191). Written consent of instructor is required to register for this course.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

**PSY 091 - INDEPENDENT STUDY**

Directed independent study that introduces students to techniques and skills that are necessary to conduct advanced research (PSY 190/191). Written consent of instructor is required to register for this course.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

**PSY 095 - SPECIAL TOPICS**

A variable topics course designed to introduce students to selected topics of contemporary significance in scientific psychology. Contact the Psychology Department or adviser for details on topics for a particular semester. Course credit varies with extensiveness of the topic. Prereq.: PSY 001.

1.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

**PSY 1-- - PSY UPPER DIVISION**

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Psychology Department

**PSY 111 - ADVANCED STATISTICS**

The course focuses on statistical decision theory as a conceptual foundation for analysis of variance designs and models in psychological and biomedical research. Topics include completely randomized, randomized blocks, and mixed designs, derivation of expected mean squares, simple main effects analysis, multiple comparison procedures, and trend analysis. The lab focuses on the methods for data analysis, including the use of microcomputer programs. Prereqs.: PSY 001, PSY 010 and PSY 011.

4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

#### PSY 120 - CONDITIONING & LEARNING LAB

A self-paced laboratory experience illustrating the principles of conditioning and learning. These principles are illustrated through a series of experiments in which rats are trained to respond on a variety of reinforcement schedules, learn discriminations and perform complex chains of behavior. Students enrolling in PSY 120 also must enroll in PSY 121 the same semester. Prereq.: PSY 001, PSY 010 or PSY 011 (or BIO 099, or STAT 071 and STAT 072). PSY 060 recommended. Co-requisite PSY 121.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Psychology Department

#### PSY 121 - CONDITIONING & LEARNING LEC

An analysis of the principles of human and animal conditioning and learning. The course reviews theories and experimental foundations of classical and operant conditioning. Special attention is given to reinforcement schedules, positive and aversive control, discrimination learning, stimulus control, memory and cognition, and biological bases of learning. Students must also enroll in PSY 120 the same semester. Prereq: PSY 001, PSY 010 or PSY 011 (or BIO 099, or STAT 071 and STAT 072). PSY 060 recommended. Co-requisite: PSY 120.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

#### PSY 122 - SENSATION & PERCEPTION

Introduction for "how we gather and interpret information provided by the senses (i.e., perception)." The course is designed not only to provide a broad introduction to visual perception, but also to cover perception via audition, touch, taste, and smell (including the relationship between perception and action).

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 123 - BIOLOGICAL BASIS OF BEHAVIOR

A study of anatomical, physiological and biochemical correlates of behavior. Examples of topics covered include brain development and function, sensory systems, emotion, neuropsychiatric disorders, and learning and memory. With laboratory. Prereq. PSY 001 or NSCI 001, and either PSY 010 or NSCI 010.

0.000 TO 4.000 Credit hours  
4.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Psychology Department

### PSY 124 - HEALTH PSYCHOLOGY

A thorough examination of the relationship between psychological factors and health. Topics include psychological contributions to and consequences of illness, behavioral medicine, and health promotion/disease prevention Prereq.: PSY 001.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 125 - COGNITIVE PSYCHOLOGY

The basic concepts and findings of cognitive psychology, including the topics of perception, attention, learning, memory, language, categorization, imagery, judgment and decision-making, and problem-solving. Cognition will be discussed from the perspectives of information processing and cognitive neuroscience. With laboratory.

0.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Psychology Department

### PSY 126 - COMPARATIVE PSYCHOLOGY

This course reviews the methods, research tactics, theories, and experimental data in a field of comparative psychology that studies animal cognition. Among other topics, we consider perception, spatial learning, timing

and counting, social learning, imitation, self-recognition, and intentionality in animals. We focus primarily with laboratory findings, but we also consider evolutionary history of different animal species. In addition to discussing basic experimental findings concerning cognition in animals, an emphasis is placed on the logic and evidence used to justify theoretical conclusions. Includes a laboratory. Prerequisites: PSY 001, PSY 010, and PSY 011 (or BIO 099, or STAT 071 and STAT 072).

0.000 OR 4.000 Credit hours  
0.000 OR 4.000 Lecture hours  
0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Psychology Department

### PSY 127 - BEHAVIOR GENETICS

This course provides an overview of the field of behavior genetics, with special emphasis given to the use and interpretation of animal models in behavioral genetic research. Prereq: BIO 012 or NSCI 001. Cross listed with NSCI 127 and BIO 107.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 128 - HORMONES AND BEHAVIOR

This course examines the relationship between behavioral and hormonal systems. By drawing on examples from a variety of species, understanding modern research techniques and reading current empirical literature, this course addresses how hormones participate in sexual behavior, social behavior, social behavior, learning/memory, affective states, the stress response, and circadian rhythms, as well as other psychological and behavioral processes. Prereq.: PSY 001 or NSCI 001, and either PSY 010 or NSCI 010, or permission of instructor.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 130 - EXPERIMENTAL SOCIAL PSYCH

An examination of theories and multicultural research in social cognition and affect. Topics include person perception, stereotyping, prejudice, affect and the self. Includes a laboratory. Prereq: PSY 001, PSY 010, PSY 011, and PSY 030 or instructor permission.

0.000 TO 4.000 Credit hours

4.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Psychology Department

### PSY 132 - THEORIES OF PERSONALITY

Contrasts the traditional theories of human motivation and individual differences from Freud to the present, with an emphasis on a comparative analysis of the different theories. Recent developments also are discussed.

Prereq.: PSY 001 and PSY 010.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 133 - PSYCHOLOGICAL ASSESSMENT

This course examines principles, methods and issues in psychological assessment to provide students with a foundation for appropriately evaluating and using various assessment techniques. Students learn general principles of reliability, validity, test bias and ethics, and explore specific applications for the assessment of characteristics such as personality, interest, aptitude and achievement. With laboratory. Prereq.: PSY 001 and PSY 011 (or BIO 099, or STAT 071 and STAT 072). PSY 010 recommended.

0.000 OR 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

All Sections for this Course

Psychology Department

Course Attributes:

Information Literacy

### PSY 135 - PSYCHOLOGY OF PREJUDICE

This course will examine the causes and consequences of stereotyping, prejudice, and discrimination from a psychological perspective. Students in this course will be expected to synthesize, recognize, and critically apply diversity concepts to their everyday lives. Topics covered include reactions to and experiences of people from varying ethnic/racial backgrounds, gender, sexual orientation, age, ability, religious affiliation, appearance, and other stigmatized identities. Prereq: PSY 001, Statistics (eg, PSY 011, BIO 140, STAT 060, STAY 071), and JR/SR standing (or instructor approval).

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

Course Attributes:  
Global and Cultural Understand

### PSY 137 - PSYCHOLOGY OF GENDER

A study of psychological theories and research on sex and gender. Explores the relationship of sex and gender to social and relational behavior, as well as to educational, economic, institutional and therapeutic assumptions and practices. Prereq.: PSY 001 or PSY 030. Cross listed with WS 160. May be used as part of Women's and Gender Studies Concentration.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

Course Attributes:  
Int Study Humanities/Sciences, Women's Studies Course

### PSY 142 - BEHAVIOR ANALYSIS CHILD DEVEL

This course is designed to provide students with an understanding of the behavior analysis approach to child development. By the end of the course, students should understand the differences between the behavior analytic approach and other developmental system approaches and be familiar with the current literature as it relates to general areas of development (e.g., motor, social, emotional, cognitive). Prereqs.: PSY 001, PSY 042 (or EDUC 105 or EDUC 106), and PSY 060.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Psychology Department

### PSY 145 - APPLIED PROFESSION ETHICS PSY

This course is designed to provide students with an understanding of the codes of ethics that guide the practice of psychology in clinical, applied, and research settings. Prereqs.: PSY 001, PSY 010, and JR/SR status.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed



Psychology Department

Course Attributes:  
Values and Ethics

**PSY 148 - PSY OF DEVELOPMTL DISABILITIES**

This course is designed to provide students with an understanding of the developmental, biological, and behavioral aspects of developmental disabilities. Prereqs: PSY 001 or NSCI 001, PSY 042 (or EDUC 105 or EDUC 106). .

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

**PSY 151 - HISTORY & SYSTEMS OF PSYCH**

This course reviews the developments in classical philosophy and physiology, from the Greeks to the mid 1960's, that led to the contemporary structure of psychology. Students develop a critical appreciation of how psychology evolved by integrating classical philosophical problems with empirical and experimental perspectives rooted in the methods of physiology. Prereq.: PSY 001, PSY 010, and PSY 011 or BIO 099, or STAT 071 and STAT 072.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

Course Attributes:  
Historical Foundations, Historical Consciousness

**PSY 161 - COMPLEX HUMAN BEHAV**

The study of human activity from the perspective of the experimental analysis of behavior. The course considers several areas of basic research in human operant behavior, including reinforcement, stimulus control, schedule performance and verbal behavior. The implications of such research for activities such as education, job performance and leisure behavior are presented. Prereq.: Psy 60 or consent of the instructor.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 162 - APPLIED BEHAVIOR ANALYSIS

Students learn the principles and methods of applied behavior analysis and demonstrate their mastery through individual or team participation in the conduct of applied behavior analysis research projects. This includes literature review, behavioral goal setting, baseline behavioral recording, implementing behavior change strategies and project evaluation. Prereq: PSY 060.

3.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 176 - ADVANCED PSYCHOPATHOLOGY

A descriptive survey of major classifications of behavior disorders, emphasizing principles of diagnosis, theories of etiology, and therapeutic approaches. Prereq.: PSY 001, PSY 010 and PSY 011 and PSY 076.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 177 - FUNDAMENTALS OF CLINICAL PSYCH

Examines the fundamental principles of clinical psychology and the application of the principles. Topics include the development of empirically-supported psychotherapy interventions, sub-fields within the discipline, and ethical issues involved in clinical psychology. The history of the discipline as well as contemporary trends are discussed. The integration of clinical science and practice from applied and theoretical perspectives is emphasized. Prereq: PSY 001, and PSY 010 and junior standing.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 179 - UNDERSTANDING SUICIDE

This course will introduce students to the scientific study of suicide and self-destructive behaviors by exploring both historical and modern theory and research. Topics covered will include epidemiology, theories of why people die by suicide, risk and protective factors, evidence-based assessment, intervention, prevention, and postvention strategies, ethical, legal, cultural, and policy issues related to suicide, as well as the societal impact of suicide. The course also aims to dispel common myths and misconceptions related to suicide and self-destructive behaviors, help students more confidently consume and disseminate scientific literature, increase awareness of suicide as a significant, complex, and growing public health concern, as well as emphasize our shared role in suicide prevention.

3.000 Credit hours

Levels: Graduate, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Psychology Department

### PSY 182 - PERFORMANCE MANAGEMENT

The application of the principles and techniques of behavior modification to the performance of individuals in organizations. On-the-job training, productivity and retention are emphasized. Students acquire practical knowledge of these principles through readings, class discussions and the completion of a project. Prereq.: PSY 001 or consent of instructor.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 183 - INDUSTRIAL PSYCH

The application of psychological principles to the development of personnel procedures. Topics include job analysis, job evaluation, recruitment, selection and promotion, employee development, and performance appraisal. Prereqs: PSY 001 and PSY 011 (or BIO 099, or STAT 071 and STAT 072).

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

### PSY 190 - INDEPENDENT STUDY

Directed independent study. Prereq.: Nine hours of psychology and written consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

### PSY 190C - INDEPENDENT STUDY CAPSTONE

Independent psychological research project that culminates in a formal research paper or presentation. Prereq: Junior standing as a psychology major, 22 credit hours in psychology preparatory courses, and approval of the faculty supervisor and department chair.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

### PSY 191 - INDEPENDENT STUDY

0.500 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

### PSY 191C - INDEPENDENT STUDY CAPSTONE

Independent psychological research project that culminates in a formal research paper or presentation. Prereq: Junior standing as a psychology major, 22 credit hours in psychology coursework including preparatory courses, and approval of the faculty supervisor and department chair.

3.000 Credit hours

Levels: Non-Drake, Graduate, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

### PSY 192 - INTERNSHIP

Students work in an applied setting, such as a mental health facility, where they develop skills learned in psychology courses. Prereq: Junior standing as a psychology major, 12 credit hours in psychology coursework including preparatory courses, 2.80 grade point average, and approval of the faculty internship supervisor. May be taken only once.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

### PSY 192C - INTERNSHIP CAPSTONE

Students work in an applied setting where they develop skills learned in psychology courses and complete a comprehensive research project, relating internship activities to an area of knowledge in psychology. Prereq: Junior standing as a psychology major, 22 credit hours in psychology coursework including preparatory courses, 2.80 grade point average, and approval of the faculty internship supervisor and department chair.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

#### PSY 194 - TRAVEL STUDY SEMINAR

This course connects significant domestic and/or international travel with other types of learning experiences in psychology such as pre- and post-trip reading assignments, lectures at Drake and during travel, formal and informal discussion, and written research projects. The travel component of the course serves as a naturalistic and experiential laboratory for the course.

1.000 TO 6.000 Credit hours  
1.000 TO 6.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

#### PSY 195 - TOPIC SEMINAR

A variable topics course designed to examine advanced topics of contemporary significance in psychology. Prereq: PSY 001, PSY 010 and PSY 011 (or BIO 099, or STAT 071 and STAT 072).

0.000 TO 4.000 Credit hours  
0.000 TO 4.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Psychology Department

#### PSY 196 - SERVICE LEARNING SEMINAR

Through service to community-based organizations, students explore how psychological principles learned via formal instruction apply to target populations. The nature of the organizations and the target populations will vary. Prereq: PSY 001.

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

#### PSY 197 - TOPICAL SEMINAR

Consideration of contemporary problems in psychology. Prereq: PSY 001, PSY 010 and PSY 011 (or BIO 099 or STAT 071 and STAT 072) and a minimum 2.00 grade point average.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Psychology Department

#### PSY 198 - RESEARCH SEMINAR

Participation in a scientific research project. Prereq: PSY 001, PSY 010, PSY 011 (or BIO 099, or STAT 071 and STAT 072) and instructor permission.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Psychology Department

#### QUAN 270 - QUAN ANALYTICAL METHODS

Examines the quantitative side of the management decision making process. Discussion of commonly used mathematical techniques with a view to problem formulation and the critical interpretation of quantitative analysis. Methodologies covered include optimization, sensitivity analysis, simulation, forecasting and decision analysis. This course makes extensive use of spreadsheets. Prereq: Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Quantitative Methods Department

#### QUAN 298 - CURR ISSUES IN QUANT

Special topics seminar. Topics vary.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Quantitative Methods Department

#### REHA 1-- - REHA UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Rehabilitation Department

REL 0-- - REL LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Philosophy & Rel Department

REL 001 - INTRO REL STDY

Introduction to methods and topics in the study of religion, using materials from the Bible, classical literature and modern theology.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Critical Thinking

REL 003 - INTRO TO WORLD RELIGIONS

Introduction to World Religions explores the sacred writings, traditions, and beliefs of the various religions of the world. The course investigates the diversity within religions and the lived experiences of participants in those religions.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Global and Cultural Understand

REL 024 - ANTHROPOLOGY OF RELIGION

Anthropology of Religion begins with the study of the everyday religious practices of people in their local communities. Through fieldwork, anthropologists focus on the real religious worlds in which people experience religion and express it through their actions. They explore the ways people draw on religious practices to solve conflicts, attenuate uncertainty, and search for meaning, order, and power. By studying religions in everyday life, anthropologists are interested in the myriad ways religion intersects with other

aspects of social/cultural life, whether economics, politics, race, gender, or history, within a cultural tradition as well as cross-culturally (the 'holistic approach'). We will familiarize ourselves with the ways anthropologists engage with religions by reading ethnographic works and by conducting research ourselves.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### REL 053 - LIFE & TEACHINGS OF JESUS

A reconstruction of the life and message of Jesus of Nazareth from the Gospels of the New Testament against the background of his Palestinian cultural and religious environment.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Historical Foundations, Historical Consciousness, Written Communication

### REL 054 - CELLULOID JESUS: JESUS IN FILM

The epic story of the life of Jesus has captured the imagination of filmmakers since the beginning of the twentieth century. These films are often pious, sometimes irreverent, and occasionally called blasphemous. Film is a distinctive way to engage with the stories about Jesus, interpretations, and social constructs of religious figures. Celluloid Jesus will explore how the story of Jesus is transformed and constructed in representations of his life on film during the twentieth and early twenty-first centuries. The course will especially engage with the distinctive form of film – film styles, cinematography, editing, film narrative, and sound.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### REL 062 - RELIGIONS OF INDIA

This course serves as an introduction to the history of religious beliefs and practices in India (and to a lesser degree South East Asia and Tibet) with special attention to the religions of Hinduism, Buddhism, Jainism, Sikhism, and Islam. It will make some effort also to observe the contemporary practice of some of these religions in the greater Des Moines area.

3.000 Credit hours  
3.000 Lecture hours



Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Global and Cultural Understand, Historical Consciousness, Honors Track Elective

#### REL 064 - INTRODUCTION TO BUDDHISM

This class will introduce you to the diverse traditions of Buddhism, with a focus on (1) how Buddhist traditions change in their historical transition from India to China and (2) contemporary manifestations of Buddhism in America. We will explore Buddhist perspectives on a variety of religious and philosophical questions of enduring human concern. Experiential learning components will focus on meditation practices and visits to local Buddhist temples and/or interactions with local practitioners (when available).

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Global and Cultural Understand, International & Multicultural

#### REL 066 - RELIGIONS OF AFRICA

This class serves both as an introduction to African religions and a critical assessment of the categories of African religion. Students will learn about traditional African religions as well as African Christianity and African Islam. Students will also reflect on critical questions of scholarship including purity and hybridity, the normativity of religion and religions, and colonial and post-colonial constructions of religion in general and African religion in particular.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

#### REL 067 - RELIGIONS OF THE MIDDLE EAST

Three of the largest and oldest religions developed from the cultures of the Middle East. Although the religions of Judaism, Christianity, and Islam share similar foundations and many similar beliefs, their histories and innovations led to distinct religions that are often entangled in deep religious and political conflict. Religions of the Middle East will begin by exploring the histories and beliefs of these religions. The class will then examine two major issues that affect and are influenced by the religions of the Middle East. (These topics are open and will rotate each semester.)

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Global and Cultural Understand

#### REL 081 - INTRO TO CHINESE PHILOSOPHY

This class explores China's major philosophical and religious traditions, or the "Three Teachings" of Daoism, Confucianism, and Buddhism. We look at doctrinal debates that unite and divide these three traditions, as well as at their rituals and practices. We pay special attention to how early texts discuss the effectiveness of various ritual actions. That is, how does Confucian ritual aid in moral cultivation? How does Buddhists meditation lead to enlightenment? And, what practices produce the astonishing skills of Daoist sages? Along the way, we will learn about Chinese culture and society, in both historical and contemporary contexts. Students will gain a solid foundation for continued study of China in various disciplines.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Global and Cultural Understand

#### REL 088 - TOPICS IN RELIGION

Open for any 3 hour course in religion open to sophomore, junior, and seniors. Prerequisites as specified by the professor.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

#### REL 091 - CONTEMPORARY ETHICAL PROBLEMS

Study of contemporary ethical problems from the perspective of philosophical and religious principles. Various sections of the course may specialize in different types of ethical problems. Crosslisted with Phil 091. May be used as part of Women's Studies Concentration.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Values and Ethics, Women's Studies Course

REL 1-- - REL UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Philosophy & Rel Department

REL 103 - INTRO TO CHINESE PHILOSOPHY

This class explores China's major philosophical and religious traditions, or the "Three Teachings" of Daoism, Confucianism, and Buddhism. We look at doctrinal debates that unite and divide these three traditions, as well as at their rituals and practices. We pay special attention to how early texts discuss the effectiveness of various ritual actions. That is, how does Confucian ritual aid in moral cultivation? How does Buddhist meditation lead to enlightenment? And, what practices produce the astonishing skills of Daoist sages? Along the way, we will learn about Chinese culture and society, in both historical and contemporary contexts. Students will gain a solid foundation for continued study of China in various disciplines.

3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Global and Cultural Understand

REL 104 - DEVEL OF WEST REL

Study of major Western religious ideas and the historical contexts within which they have arisen. Prereq.: A religion course or PHIL 21.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

REL 108 - 20TH C AMER RELIG

Study of American religious and ethical movements that have been of paramount public interest in public news media. Particular emphasis on differences between authentic understanding and popular misconception.

Prereq.: A religion course or PHIL 21.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### REL 110 - INTRO JUDAISM

An introductory study of the Jewish tradition from antiquity to today. Jewish history, thought, culture, life cycle, and ceremonies are examined. Contemporary Judaism is particularly emphasized. Sponsored by the Jewish Chautauqua Society.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### REL 114 - RELIGIONS OF DES MOINES

This course serves as an introduction to a particular religious tradition with an emphasis on how that tradition is practiced in the greater Des Moines area. Among the course requirements are frequent site visits to a local religious community and the facilitation of digital stories by and about that religious community.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Global and Cultural Understand, International & Multicultural

### REL 118 - RACE, RELIGION & CIVIC CULTURE

This course explores critical race theories that depict the ways is socially constructed and uses these to explore how religion has contributed to the construction of racial identities in select moments of U. S. History. We explore how religious activity and religious thought have created and maintained racial stratification, as well as how these have undermined stratification by fueling resistance movements for justice. The primary emphasis is on relations between white, African American and Native American communities.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### REL 119 - DEATH & DYING

This course is designed to explore death and human response to it, different circumstances and settings of dying, and issues of end-of-life choices, social justice, and bio-ethical dilemmas. We will consider the meanings of death from historical, societal, religious and personal perspectives, including how we adapt to loss through the grief process. A variety of resources will be used including guest speakers, a field trip, and videos.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### REL 120 - BLACK CHRISTIANITY & PROPH POL

This course will explore various forms of Black Christianity in their historical and cultural contexts and will identify the unique ways in which Black Christianity has contributed to democracy. Attention will be given to both what Black Christianity has said to the civic body, as well as to debates within the Black community. Manifestations of prophetic politics in the present will also be a significant focus, with particular attention given to the roles of Black Christianity in presidential campaigns. Opportunities will be created to explore the role that Black churches have played and continue to play in the Iowa (and Des Moines in particular) context.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Engaged Citizen

### REL 121 - COMPARATIVE RELIGIONS

This class serves both as an introduction to the academic field of comparative religion and as an actual comparison of several of the world's religions with respect to some question or theme (which will vary from year to year).

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Global and Cultural Understand, International & Multicultural

### REL 124 - INVENTING "RELIGION"

This is a course about the invention of religion as a category of scholarly inquiry. It tracks the genealogy of "religion" and religions from ancient Rome to the present; it explores the various ways in which religion is constructed and studied by scholars of religion; and it reenacts the 1893 World Parliament of Religions, the first ever dialogue of practitioners and scholars of the world's diverse religions.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Global and Cultural Understand

### REL 125 - PHIL OF RELIGION

This class serves as an introduction to the contemporary practice of philosophy of religion as well as an exercise in the comparative explanation and evaluation of religious reason-giving. Each year we will examine one particular set of religious ideas and reasons in several different religious traditions from a variety of disciplinary perspectives.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### REL 129 - RITUAL AND MYTH

Myth and ritual are aspects of all human societies, ours included. What roles do myths and ritual play in human experience and everyday life? Why do we need them? Are myths and rituals ways of responding to existential questions? Or reflecting on the fact they can't be responded to? Do they reproduce or subvert social orders? This course will address these questions by drawing on readings from history, religious studies, anthropology, sociology, and film studies. We look at some specific cases of societies experiencing turmoil and violence that cannot possibly be understood except in reference to local myths and rituals. We then conclude with a look at mythical and ritual phenomena in American society, focusing on urban myths, vampire legends, and UFO stories to reflect on what these stories tell about "us."

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### REL 130 - THE GLOBAL BIBLE

The Bible belongs to the people of the world... but the Bible has also been used to oppress and alienate the world's poor and disenfranchised. As the western colonial empires of the sixteenth through twentieth centuries collapsed and changed, scholars and local political leaders emphasized the dramatic effects the empires had on subjugated peoples. Empires affect the economy, political structures, and familial systems as well as religion, self-understanding, and ways of thinking. "The Global Bible" will explore the ways that empires have affected the composition of the biblical text, its transmission into colonized territories during the period of colonial expansion, and liberated, postcolonial readings of the Bible from previously colonized and oppressed groups.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Global and Cultural Understand

### REL 131 - APOCALYPTIC AMERICA

The dramatic end of the current world order remains a fascination in American culture. From the Puritan desire to establish a Christian utopia prompting the return of Jesus and the expansionist mandates of Manifest Destiny to the Left Behind series, the Mayan Calendar, and Zombie films, many Americans continue to anticipate an imminent end of the world. American Apocalypse will examine this trend in popular culture by exploring the ancient religious documents and interpretations through history on which this vision is based. The role of the "Millennial Kingdom" in American history and culture will then enable students to analyze contemporary incarnations of the theme.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Historical Foundations, Historical Consciousness

### REL 132 - APOCALYPTIC US IN FILM/CULTURE

Climate change, viruses, pandemics, nuclear war, political disintegration, aliens, and zombies have all been part of American popular culture and its visions of end times. Since the foundations of America, its role in God's plan and various end-time scenarios has been at the center of many political, religious, and cultural debates. Apocalyptic America in Film and Culture will examine how popular culture has altered and reconstructed America's role in the end times, how that vision has changed during the 20th and 21st centuries, and how it influences social debates.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Historical Foundations

#### REL 137 - APPREN IN MINIST

Observation of successful ministers in their professional tasks. May be repeated two additional semesters.  
Prereq.: Junior standing and religion major.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

#### REL 140 - ECOLOGICAL ETHICS

This course introduces students to the emerging field of environmental and ecological ethics and the spectrum of responses to the questions, issues, and dilemmas posed by the contemporary global ecological crisis. We examine fundamental issues such as how human beings should relate to the rest of nature, the historical roots of the ecological crisis, and the intersection of ecological and social justice issues in various responses to the ecological crisis. Prereq.: A religion course.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Values and Ethics

#### REL 141 - CULTURAL DIVERSITY IN ISRAEL

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:  
Global and Cultural Understand



## REL 144 - DIGITAL RELIGION

As the digital world becomes more and more a part of the everyday human world, religion has increasingly become digitized and crowd-sourced. Digital Religion will engage this religious phenomenon by studying and analyzing religious movements that have a lasting digital legacy. Students will participate in critically analyzing the history, traditions, and teachings of a religious movement and creating digital annotations to clarify and connect a group's essential online documentation. These types of innovative religious movements often encounter significant dissent and attacks from non-participants leading to misinformation or misunderstood interpretations. The course will also engage in analyzing various conspiracy theories and techniques of vilification intended to marginalize such groups.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Information Literacy

## REL 150 - PROPHETIC LIT OF OLD TESTAMENT

A critical and exegetical study of the so-called prophetic books of the Old Testament. Major emphasis is on the moral, ethical and social teachings of the 8th century B.C. writers. The various types of "prophetic writing" are studied. Prereq.: REL 10, 51, 52 or 53.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

## REL 151 - SELECTED TOPICS

Selected topics in the study of religion (for which there is currently no assigned course in the curriculum).

0.000 TO 3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Philosophy & Rel Department

## REL 153 - INTRO TO CHRISTIAN THEOLOGY

An historical approach to the major theological doctrines and issues emergent in the patristic, reformation and modern eras, with an emphasis on western theological traditions and --from the Reformation forward--a focus on significant Protestant thinkers. We will explore the major streams in theological thought, particularly, the

implications of certain theological conflicts to Christian communities. We will also focus on the relations between historical and social contexts and the particular developments that have taken place in Christian Theology.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

### REL 155 - LIBERATION THEOLOGY

Study of the emerging field of liberation and feminist theologies as these disciplines are related to contemporary religious, social, and political issues in Latin America and North America. The course explores the relation between theological reflection, social context, and the social-political location of theologians. May be used as part of Women's Studies Concentration.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Philosophy & Rel Department

Course Attributes:

Engaged Citizen, LPS Social & Ethical Course, Women's Studies Course

### REL 185 - CONTMP RELG LIFE IN CENTR AMER

In this course, we will explore the particular religious landscape of Nicaragua and Costa Rica, including the range of expressions of religiosity (Christianity will be a significant focus). We will explore first hand the ways in which particular forms of religious understanding have informed particular kinds of political and social activity in both of these countries. We will pay particularly close attention to the differences and relationships between official institutional religious teachings and the religious sensibilities and practices of communities and laypeople (in the in-travel portion of the course, we will have the opportunity to meet with persons from an array of locations in this regard). Comparative analysis of the different religious formations of these two areas will be a primary consideration. Care will be taken to consider the importance of studying religious life in its appropriate historical and cultural context. Enrolled students must also register for SCSS 196, Sustainable Development in Central America.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### REL 190 - RESEARCH IN RELIGION

Prereq.: Consent of instructor.

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Philosophy & Rel Department

#### REL 198 - INDEPENDENT STUDY

Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Philosophy & Rel Department

#### REL 199 - SEMINAR IN RELIGION

Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Philosophy & Rel Department

#### RUSS 0-- - RUSS LOWER LEVEL TRANSFER CR

0.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture

#### RUSS 001 - BEGINNING RUSSIAN I

An intensive introduction to the target language establishes a solid foundation of conversational, reading, writing, and listening comprehension skills. A cultural component is integrated with the language studies. Through directed independent study, learners work with a combination of textbooks, workbooks, audio, video, software, and online materials and meet for 3 hours per week with a native- speaker language partner.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### RUSS 160 - RUSSIAN LANG & LIT

A course for language learners with advanced skills that aims to enhance fluency in the target language and develop greater knowledge of its literatures. Students research a specific literary topic, work, or genre in the language under study, then present and explore their findings during practice sessions which are held 3 hours per week with a native-speaker language partner.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

### SCS 025 - SELECTED TOPICS IN CULT & SOC

These courses cover topics introductory to the interdisciplinary study of culture and society offered on a temporary basis before being added to the approved program curriculum.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Non Degree Coursework, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCS 110 - CULTURE, KNOWLEDGE, POWER

The last two decades of the twentieth century witnessed a variety of challenges to disciplinary thought and practice in the humanities and the human social sciences of western scholarship. Many of these involved a critical rethinking of conventional understandings of culture, knowledge, and power. This course aims to introduce students to themes, questions, and ways of reading, writing, and speaking that may be loosely referred to as "post-"thought, analysis and criticism that has constituted a major part of this challenge. Influences from French post-structuralism, cultural Marxism, feminism, psychoanalytic criticism, postcolonial studies, queer theory, critical race theory, and science/knowledge studies will be reviewed. Students will be asked to consider the emergence of the critical perspectives and practices relative to established and dominant ways of thinking and writing/speaking defined by existing disciplinary knowledges as well as outside the academy. One-entry level sociology or anthropology course and sophomore standing.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
LPS Social & Ethical Course

### SCSA 0-- - SCSA LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Study of Culture & Society Department

### SCSA 002 - INTRO CULTURAL ANTHROPOLOGY

Cultural anthropology attempts to make the diverse peoples and lifeways of the world understandable. It seeks to make the familiar strange and the strange familiar. This course introduces cultural anthropology, describing its methods, theories and research problems. While a major objective of the course is to review some of the debates and concepts central to contemporary cultural anthropology, attention also is given to the history of the discipline and its connections with Euro-American social thought.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

All Sections for this Course

Study of Culture & Society Department

Course Attributes:

Global and Cultural Understand

### SCSA 025 - SELECTED TOPICS

These courses cover introductory topics offered on a temporary basis, before being added to the approved program curriculum.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSA 046 - ANTHROPOLOGY OF RELIGION

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSA 076 - INTERMEDIATE TOPICS IN ANTHRO

Courses listed as Intermediate Topics in Anthropology are sophomore-level course topics offered on a temporary basis before being added to the approved curriculum.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Women's and Gender Studies

### SCSA 078 - THE PRACTICE OF ORAL HISTORY

This course will explore oral history as a transformative and collaborative research methodology. In the first part of the course, we will engage in readings and discussion of the role of oral history within the field of anthropology, ethical considerations, the importance of informed consent, and theoretical debates regarding the practice and methods of oral histories. We also will debate the methodological potential of oral history as a tool for social transformation and empowerment (of both the interviewer and interviewee). The second half of the course focuses more narrowly on the practice of oral histories; i.e. obtaining Institutional Review Board Human Subject Review approval, constructing an oral history interview protocol, conducting history interviews, transcription practices and techniques, and the production of web-based oral histories. Ideally you should choose a community leader, an elder, or an immigrant living in Des Moines. In the final third of the course, we will work together to transform interviews into written web-based oral histories. We will spend significant time discussing your progress, dilemmas, and strategies as we move through the process. You will be trained in Wordpress in order to complete this part of the assignment. In the final weeks of the course, we will reflect on the experience, focusing on the challenges and rewards of oral history as method. Our final meeting will include a presentation of oral histories and reception for our participants in the oral history project.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSA 081 - ANTH OF BORDERS AND BOUNDARIES

According to some scholars, we are living in a world where state borders are increasingly obsolete. This view holds that international borders are becoming so porous that they no longer fulfill their role as barriers to the movement of goods, ideas, people, and as markers of the extent power of the state. Yet, border build-ups and massive deportations suggest that they are all the more relevant and that the state's power has not diminished. Other social processes like the policing of black and brown bodies, the nativist political rhetoric that stigmatizes Latin migrants and privileges some refugees over others suggests that borders remain relevant at social levels, beyond the nation-state. This class provides a solid overview of the study of borders and boundaries from within anthropology and beyond. Important questions we will consider include: What are borders and borderlands? How have they been created? Do borders produce a particular kind of culture? How are borders artifacts of history and geography? How do borders change over time and what impact does change have on the lives of people? How are border people imagined, constructed, and exploited by individuals, governments, and corporations on both sides of the border? How do citizens of the borderlands themselves resist injustice and violence? In exploring these questions, we will consider various analytical and interdisciplinary approaches.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

SCSA 1-- - SCSA UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Study of Culture & Society Department

SCSA 125 - TRAVELING CULTURES

This course explores transcultural processes, movements, and exchanges. Drawing on recent scholarship in anthropology, as well as sociology and cultural studies, we address the ways in which objects, ideas, peoples, and practices have accounted for these "travels." Prereq.: 6 hours credit in anthropology, sociology, cultural studies and/or multicultural studies, including an introductory anthropology or sociology course or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
International & Multicultural

SCSA 138 - GLOBAL REPRODUCTIVE POLITICS

This course will explore reproductive practices, policies, and politics in the U.S. and throughout the world. We will explore issues of fertility, contraception, pregnancy, childbirth, child rearing, and population policies legally and globally. We will consider local practices of human reproduction and production--the bearing and raising of children--in a transnational context, exploring the ways power relations shape social practices of family formation across the globe in various ways. The course will address such issues as sexuality, birth control, pregnancy, abortion, and adoption in the context of particular social and cultural traditions as they are affected by global power relations.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Service Learning

### SCSA 141 - ANTHROPOLOGICAL THEORY

This course offers an overview of anthropological theory. Beginning in the mid-19th century, it traces the history of anthropological thought, contrasting distinct frameworks for making sense of cultural patterns, practices and precepts. As such it connects classical ideas with more recent innovations. Theoretical frameworks discussed include social evolution, functionalism, structuralism and a variety of post-structuralisms. Attention is given to the social and historical contexts framing anthropological theories. Prereq.: Introductory course in anthropology or sociology or instructor's consent. Counts toward SOCIOLOGY and ANSO theory-intensive requirements.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

Sociology Theory

### SCSA 150 - SPECIAL TOPICS

These courses are upper-level course topics offered on a temporary basis before being added to the approved curriculum. Prerequisites vary.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSA 153 - DOCUMENTARY VIDEO CHALLENGE

This course will be an immersion in methods of qualitative fieldwork and digital video as cultural critique. Students will be introduced to ethnographic participant-observation and interviewing methods, as well as video editing techniques. During the three-week J-term course students will work in small groups to conduct ethnographic research, document it on videotape, and produce short video essays that will be put on both the IRC web site for community outreach and the Drake Cultures of Engagement site. This course will serve as an introduction to qualitative interview-based research and critical digital storytelling. SCS: Research design course and CEL course. This is cross-listed with SCSS 153.

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department



Course Attributes:  
Community Engaged Learning

### SCSA 156 - ETHNOGRAPHIC METHODS

Ethnography is a methodological approach and a literary genre, literally writing about people. This course introduces the concepts, intellectual traditions, ethical issues and methodological techniques central to the ethnographic study of culture. In this methods-intensive course, students are required to conduct field research in a specific social context using techniques discussed in class. Prereq: Entry-level course in sociology, anthropology or cultural studies or consent of the instructor. Counts toward SOCIOLOGY and ANSO methods-intensive requirements.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Critical Thinking, SOC Research Design Course

### SCSA 160 - GLOBALIZATION, TOURISM, & DEV

Globalization is used to describe various differing social, economic, and political processes. Most commonly, globalization is used to refer to increasing interconnections of people, ideas, and money across the world. In order to understand such an expansive field, this course will be divided into three sections. The first section will be devoted to supplying a large portion of the political and economic history where globalization arguably emerged or accelerated. With this in mind we will focus on the spread of global capitalism and how it has linked sections of the world and cultures together by paying close attention to development, capitalism, and inequalities in the world system. The second section of the course will examine the effects of globalization on mobility through case studies on migration and tourism. The third section of the course will focus on some critical encounters with globalization paying specific attention to increasing social movements working to counter the negative impacts of globalization.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSA 170 - GLOBAL POLITICAL VIOLENCE

This course provides a critical understanding of the causes, features, and consequences of political violence as a phenomenon of the current global landscape. We ask questions about what violence is, how violence is produced and reproduced, what makes violence "political," and what is its scope. We respond to these questions by looking at some of the main theoretical conceptualizations of violence (Hobbes, Hegel, Marx, Fanon, Arendt, and Bourdieu, among others) and by exploring case studies from across the globe. The course examines various forms of violence (extraordinary, discreet, structural, everyday, symbolic), their effects upon social structure and life-worlds, as well as how individuals and communities have responded and reworked their experience of violence.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Global and Cultural Understand

### SCSA 175 - MEDICAL ANTHROPOLOGY

This course is an introduction to the key concepts, theories, and methods of medical anthropology. Medical anthropology examines affliction and healing in a cross-cultural perspective. It emphasizes the understanding of how health and healing are shaped by both cultural and biological processes. It also analyzes the relations among health, illness, social institutions, power, and cultural representations. Medical anthropologists examine the ways in which global processes--health policies, epidemics, war and violence, inequalities--affect the life of individuals and communities. They take us into refugee camps, hospitals, zones of social abandonment, factories, and streets across the world and in our community. This course will focus on three broad topics. We will start by discussing how health-related issues, including disease and treatment, are far more than narrow biological phenomenon. By examining specific ethnographic cases, we will see how these processes are all heavily influenced by cultural and social factors as well. We will then grapple with the Foucauldian concept of "biopower" by means of specific ethnographic applications. By reading about colonial and postcolonial governance in the global South, the "construction" of mental illness, current national and global policies toward asylums seekers, and the use of pharmaceuticals, we will reflect upon the ways in which medicine can be an instrument of domination, discipline, and surveillance. The final section of the course discusses the contributions that medical anthropology can make to increase access to health services and to improve--i.e., humanize--health care in the U.S. and across the world.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSA 180 - RITUAL AND MYTH

Myth and ritual are aspects of all human societies, ours included. What roles do myths and ritual play in human experience and everyday life? Why do we need them? Are myths and rituals ways of responding to existential questions? Or reflecting on the fact they can't be responded to? Do they reproduce or subvert social orders? This course will address these questions by drawing on readings from history, religious studies, anthropology, sociology, and film studies. We look at some specific cases of societies experiencing turmoil and violence that cannot possibly be understood except in reference to local myths and rituals. We then conclude with a look at mythical and ritual phenomena in American society, focusing on urban myths, vampire legends, and UFO stories to reflect on what these stories tell about "us."

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### SCSA 196 - TRAVEL STUDY SEMINAR

The course combines focused domestic and/or international travel and critical inquiry themed by social and cultural questions specific to the site/s visited. Student work typically includes pre-trip course assignments, in-trip lectures and discussions, and post-trip completion and submission/presentation of written work. The seminar is led by faculty who design, oversee, and direct the course and evaluate student work. Students are required to reflect on themselves as observers of the sociocultural sciences, artifacts, and peoples encountered, and they are asked to consider the implications of their presence in the inquiry for the nature of the information they produce as well as the ethics of that production and subsequent use. No prerequisites.

3.000 TO 6.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

#### SCSA 197 - INDEPENDENT STUDY

Directed independent study and or research in a problem area selected by the student and not otherwise provided for in a regularly scheduled course.

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Study of Culture & Society Department

#### SCSA 199 - SENIOR CAPSTONE

The senior capstone course is a culmination of a student's study of his or her major. The semester-long course, meeting as a seminar, asks students to propose, pursue, and complete an independent project of inquiry, to be negotiated in its detail with the faculty member, that will result in a completed document and an oral presentation. The student project should draw on the practices of inquiry and analysis found in the coursework and reading common to the major area and reflect the student's academic experience in the major.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

#### SCSG 0-- - SCSG LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Study of Culture & Society Department

### SCSG 002 - HUMAN GEOGRAPHY

An introduction to the spatial organization of human activities. Population distributions, world cultural patterns, organization of agriculture and urbanized societies including land use, transportation and communications.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Study of Culture & Society Department

### SCSG 003 - WORLD REGIONAL GEOG

A systematic study of the major regions and nations of the world. Emphasis is on the spatial structure of their physical and cultural elements, regional problems and the interdependence of different areas of the world.

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Study of Culture & Society Department

### SCSG 092 - TOPICS IN GEOGRAPHY

Discussions, lectures, demonstrations and/or field studies pertaining to study of a topic or topics in Geography. Topics selected for study are of general interest, and no prerequisite background is required.

2.000 TO 3.000 Credit hours

2.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSG 1-- - SCSG UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Study of Culture & Society Department

### SCSG 100 - FIELD STUDIES

Off- campus field course involving study of areas selected for their geographic and regional significance.

Prereq: Consent of Instructor

3.000 TO 5.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSG 122 - CULTURAL GEOGRAPHY

The geographic study of the diversity of human societies, their distribution, characteristics and cultural impacts on the landscape. Prereq: Introductory Geography course or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

Global and Cultural Understand, International & Multicultural

### SCSG 132 - EUROPE

A topical and regional analysis of Europe's people and their interaction with the landscape. Emphasis is on the geographic problems of western Europe. Prereq: Introductory Geography course or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

Global and Cultural Understand, International & Multicultural

### SCSG 134 - AFRICA

A survey of the natural, economic and cultural features of the continent as a whole and of the separate political divisions. Emphasis is given to the special problems of the developing countries in relation to the tropical environment and the resource base. Prereq: Introductory Geography course or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Global and Cultural Understand, International & Multicultural

SCSG 135 - ASIA

Geographic analysis of the interrelationships among physical, cultural, economic and political factors in South, East and Southeast Asia. Prereq: Introductory Geography course or consent of instructor

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Global and Cultural Understand, International & Multicultural

SCSG 176 - SOUTH ASIA

Study of the physical and human geographic patterns that characterize India and adjacent countries. Geographic aspects of social structure, population growth, economic development and international relations. Prereq: Introductory geography course or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Global and Cultural Understand, International & Multicultural

SCSR 0-- - SCSR LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Study of Culture & Society Department

SCSR 024 - RHETORIC & SOCIAL CHANGE

Introduction to foundational concepts and perennial themes regarding the role of persuasion in public life. The course considers various forms of discourse-- including advertising, photography, and film-- to investigate the political and ethical issues at stake in the relationships between language, power, identity and culture.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSR 040 - POPULAR TRIALS

This introductory course examines widely reported and sensational trials as public performances of law. The course considers such trials as a significant form of public discourse by studying controversies surrounding the reporting and representation of trials, issues that arise in and through popular trials, as well as the dynamics of the trials themselves. In a broad sense, the course is about the meanings of law in American society and about the definitions of American society revealed in legal disputes.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSR 055 - ENVIRONMENTAL COMMUNICATION

This course focuses on the role of communication in shaping distinctions and relations between "culture" and "nature," in representing environments for audiences, and in advocating for or against particular environmental policies and practices. We will critically examine 1) how publics come to view environments through representations in a variety of media; 2) problems of efficacy and ethics in the public discourse, forums, and voices playing a part in environmental controversies and debates; 3) our own practices of advocacy. We will also be reflecting on the relationships between all of these arenas-- the theory, critique, and practice of environmental communication.

1.000 OR 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen

### SCSR 060 - MEDIA CULTURE & COMMUNICATION

This course explores the role that communication plays in understanding the complex relationships among media and culture. The course uses a variety of critical lenses to investigate how various forms of media (film, television, advertising, art, literature, photography, etc.), and their attending producers and distributors, work to

shape key cultural dynamics such as maning, identity, subjectivity, ideology, power, and pleasure. The course is designed as an introduction to critical perspectives on media cultures and their influence on both the maintenance and disruption of formative cultural institutions.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Culture & Society Department

Course Attributes:  
Information Literacy

### SCSR 073 - PUBLIC SPEAKING

Introduction to the principles of argument about public policy with emphasis on effective performance.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen, Critical Thinking

### SCSR 079 - HOME: DWELLING & BELONGING

This course explores the idea, experience, representation, and feeling of home as a site of intimate belonging and of social status. As a place or places where we locate personal identity as well as public values, home may serve as a complex origin of memory, joy, pain, loss, and longing. For some, home is a real or imagined sanctuary of privacy, intimacy, or luxury, while others find it a source of deprivation, repression, or abuse. Drawing on theories, philosophies, and critiques of diverse versions of home from different times and spaces--from 14th century palaces in Venice to 21st century shacks in South Africa--we will examine the cultural, historical, material, and political dimensions of this key place of everyday life. Drawing on a wide variety of beautifully evocative and painfully divisive writings about, and images of, dwellings from architecture, art, literature, and law, we will personally and critically reflect on the ideals and structures that place and displace residents in the individual, familial, and communal homes that anchor our relations to ourselves and to each other.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department



Course Attributes:  
Global and Cultural Understand

### SCSR 1-- - SCSR UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Study of Culture & Society Department

### SCSR 104 - RHETORIC IN POPULAR CULTURE

Rhetoric in Popular Culture critically examines how the signs and symbols we all encounter in daily life work to shape our cultural practices, our political commitments, and even our social identities. By learning to analyze common cultural texts, objects, and spaces through the lens of rhetoric, students will reflect on how particular ideas, values, attitudes, and actions can appeal to publics to become social norms. Examining how these cultural rhetorics operate will also afford students opportunities to consider the consequences of these influences as well as the possibilities of social change.

3.000 Credit hours  
3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSR 106 - ASTHETICS/EVERYDAY LIFE

Analysis of how the material environment of architecture, clothes, furniture, music, signage, tools, toys, and other objects operates as a field of persuasive appeals and how it influences and constrains the formation of identity and community.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Artistic Experience

### SCSR 108 - IMAGING THE CITY: URBAN PHOTOG

This course introduces students to urban studies, visual rhetoric, and photography, while giving them the opportunity to produce their own images of city scenes. The first unit will cover key concepts in urbanism and photography, the second unit will profile the role and function of techniques particular to the photographic

medium, and the final unit will explore the metamorphic capacity of photography and the urban issues it can address through the creation of student portfolios that will be presented to the class.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Artistic Experience

### SCSR 112 - RHETORIC & WAR

Discussion of the relationships between war and public discourse, with special attention to public debate about the conduct of war, the effect of war on ideas about public discourse, and the representation of war in contemporary media.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Values and Ethics

### SCSR 114 - RHETORICS OF RACE

Americans in the 21st century often think of racism as a problem of the past that crops up occasionally in prejudiced individuals or in extreme situations. This course offers instead the view that race is all around us-- it is as pervasive and as powerful as the media we use and the language we speak. Working with a variety of different kinds of texts, especially film and visual images, the course examines the nature and history of racial discourses in the U.S., considering the ways in which race is represented, understood, and contested in American society.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Global and Cultural Understand

### SCSR 118 - RHETORICS OF AMERICAN FAMILY

Rhetorics of the American Family focuses on the politics of public discourse about, and popular representations of, marriage and the family in contemporary American culture. Specific topics covered in the

course will include national debates over the status of same-sex relationships and/or marriage, usage of the political slogan "family values", struggles over historical representations of the American family, discourse on the impact of changing gender roles in domestic space, arguments about the role family plays in communal and national identity and changing representations of sex and love in marriage in popular film, television and magazines.

3.000 Credit hours  
3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Values and Ethics

### SCSR 120 - RHETORICS OF SEX & GENDER

This course critically examines how language, images, and practices communicatively create and/or challenge sexual and gendered norms and identities. Students will explore the role of rhetoric in defining distinctions between normal and deviant, male and female, and masculine and feminine, and consider how discourse disciplines the boundaries between categories and shapes our relations with ourselves and each other.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Values and Ethics

### SCSR 124 - TEXTS, IMAGES, AUDIENCES

A writing intensive course applying a range of theoretical perspectives to public discourses including both texts and images. Special attention is paid to the ways in which audiences respond to and are constructed in various forms of appeal and interpretation.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Written Communication

### SCSR 126 - RHET OF IDENTITY & DIFFERENCE

This course interrogates the rhetoric, performances, and discourses of cultural identity and difference. We investigate the ubiquitous role of rhetorical meaning-making in the structuring and cultural productions of identity and difference. In this course, culture is defined broadly to include a variety of contexts, such as nationality, race/ethnicity, gender, sexual orientation, ability, age, and class. Identity is also approached as an analytical category with material consequences. Students gain theoretical and practical understanding of the opportunities and obstacles that exist as individuals and communities communicate within and across cultural differences. This is not a class to teach you about other cultures but to provide you with the theoretical and conceptual tools to help you understand how cultural identities such as race, gender, ability, class, and sexuality are always implicated in our communication with people from different and similar cultural backgrounds.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Global and Cultural Understand

### SCSR 128 - ARGUMENTATION & ADVOCACY

Argumentation and Advocacy introduces students to theories and practices of public argument by offering critical appraisals of the roles that argument and advocacy play in contemporary culture. Students will practice argumentation and advocacy by creating, evaluating and critiquing arguments. They will theorize the practice by considering how various forms of argument and advocacy function in particular cultural and political contexts.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen, Critical Thinking

### SCSR 129 - SPEECH PEDAGOGY

This course provides students with training in teaching public speaking, preparing them to work as tutors in the Speaking Center or apply to be graduate teaching assistants in a speech communication program. Students will participate in all sessions of a speech communication course with an experienced instructor, consult with the supervising professor to analyze pedagogical techniques, design short presentations, peer tutor students, and evaluate classroom dynamics. The final project will require students to research pedagogical materials and draft a sample syllabus or annotated bibliography of their own.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Study of Culture & Society Department

### SCSR 130 - INDEPENDENT STUDY

Independent Study

1.000 TO 4.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Study of Culture & Society Department

### SCSR 134 - TOPICS IN COMMUNICATION

Special Topics: Courses in selcted areas of interest that are not offered periodically.

0.000 TO 3.000 Credit hours

0.000 TO 3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Study of Culture & Society Department

### SCSR 138 - RHETORIC AND SOCIAL MOVEMENTS

This course invites students to think theoretically, historically, and rhetorically about social movements throughout U.S. history. We will begin with the premise that American democracy has been hospitable to activist efforts for social change, which have punctuated our nation's history. Working with scholarship that utilizes social movements theory and public sphere theory, we will explore a wide range of case studies to develop a broad understanding of social change and activism in the U.S. and on a global scale.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSR 142 - POLITICAL COMMUNICATION

Political Communication examines the role of rhetoric in public discourses, policies, and practices shaping political life in contemporary U.S. culture. Students analyze the strategies and evaluate the consequences of particular positions taken by politicians, citizens, and activists in relation to popular controversies and national campaigns. Students will study the rhetorical dimensions of electoral politics and protests while also considering how particular texts participate in broader struggles to define political practice, citizenship, and national identity in America.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen

### SCSR 145 - PUBLIC FEELINGS

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Values and Ethics

### SCSR 146 - COMMUNICATION & RELIGION

Study of the interrelated areas of the Bible as persuasion, the relationship between preaching and Biblical interpretation, and the problem of representing Biblical faith in a pluralistic society.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSR 147 - DIGITAL CULTURES AND NEW MEDIA

This course considers the cultural ramifications of new media in shaping life experiences, cultural norms and meanings. As interactive digital technologies expand opportunities for social control, networking, instant messaging, file sharing, collaborative authoring, work from home, blogging, and podcasting, this course asks how these technologies impact culture, identity formation, creative participation and concepts of public culture. This course will focus on the effects of digital technologies on our self-concept, social relations, and communal belonging. We will explore these issues within the context of globalization, social justice, equity, and democracy.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSR 148 - SUBURBIA & CONTEMPORARY FILM

This online course examines representations of suburban life in contemporary American film, with particular attention to cinematic critiques of suburban culture as normative. Students will view films, read essays on suburban rhetorics and the cultural significance of place and space in daily life, and produce their own critical analyses of the way these films represent, undermine, or celebrate the American dream of home ownership in an idealized setting of family life. Readings, projects, and discussions will attempt to address the relationships between popular films and calls to return to--or dramatically redefine-- traditional family values, as well as themes of visual/ spatial rhetoric and persuasion/identification in film more generally.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Web Instructed

Study of Culture & Society Department

Course Attributes:  
Artistic Experience

### SCSR 155 - RHETORICS OF SPACE & PLACE

This course will consider the rhetorical aspects of space and place by studying how spaces become places: the process through which certain locations come to create a "sense of place" and the meaning and function of those places in public culture. Readings and assignments will address how communication about, in, and through places plays a role in societal identities and practices.

0.000 TO 3.000 Credit hours  
0.000 TO 3.000 Lecture hours  
1.000 Lab hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen

### SCSR 180 - POSTCOLONIAL RHETORICS

This course employs postcolonial theory to consider the ways in which contemporary forms of understanding and expression are shaped by the complex interplay of colonial relations. The class examines how the character of colonial discourse and the resistance to colonial forms of discourse, power, and identity shape social life and key controversies of the contemporary world including race relations, gender controversies, forms of nationalism, and relations between "nature" and "culture."

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Global and Cultural Understand

### SCSR 199 - SENIOR CAPSTONE

The senior capstone course is a culmination of a student's study of his or her major. The semester-long course, meeting as a seminar, asks students to propose, pursue, and complete an independent project of inquiry, to be negotiated in its detail with the faculty member, that will result in a completed document and an oral presentation. The student project should draw on the practices of inquiry and analysis found in the coursework and reading common to the major area and reflect the student's academic experience in the major.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSS 0-- - SOCIOLOGY-LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture

### SCSS 001 - SURVEY OF SOCIOLOGY

A survey of the substantive areas of study and the theoretical and methodological tools of the discipline of sociology.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Study of Culture & Society Department

### SCSS 010 - GENDER & CULTURE

This course introduces students to ways of thinking sociologically about gender arrangements in U.S. society. It focuses on analysis of the dynamics of gender and power in specific cultural spheres, such as media, language, science and technology, or family /kinship arrangements. Students learn conceptual frameworks that enable them to critically examine taken-for-granted beliefs about gender and to develop an awareness of its social construction. May be used as part of Women's Studies Concentration.



3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Women's Studies Course

#### SCSS 020 - INTRO TO RACE AND ETHNICITY

This course examines the contemporary and historical aspects of race and ethnic relations. Moving away from popular racial discourse that focuses on individual attitudes and only on people of color, this sociological study of race and ethnicity has much more to do with how social structures create and reinforce race and ethnic inequality. Students and professor together will examine how social structure and individual attitudes and behaviors affect race and ethnic relations in the areas of personal attitudes, employment, media, romance, and education.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Community Engaged Learning, Global and Cultural Understand, International & Multicultural, Women's and Gender Studies

#### SCSS 025 - SELECTED TOPICS

These courses cover introductory topics offered on a temporary basis, before being added to the approved program curriculum.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

#### SCSS 042 - SOCIOLOGICAL INQUIRY

3.000 TO 4.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Written Communication

### SCSS 050 - INTIMATE RELATIONS

Sociological and social psychological perspectives are used to explore aspects of the development, maintenance and dissolution of intimate social relationships, especially those characterized as marriage and family relationships. Prereq.: Entry-level sociology or anthropology course or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSS 061 - ENVIRONMENTAL SOCIOLOGY

Environmental sociology examines the relationship between human communities and the natural environment in the modern world. In particular, it focuses on how political, economic and cultural institutions shape our interactions with the natural environment. This course also considers how societies are responding to environmental problems on a global and local level, with special attention to the intersection of environmental problems and social inequality. Specific topics of study may include industrial pollution, environmental ideologies, global climate change, and natural disasters, among others.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSS 070 - PSYCHE/SELF/SOCIETY

In this course, students learn to think theoretically about the relations between self and society, through the study of theories in sociology and related fields regarding subjectivity, social identity and power. Approaches covered include symbolic interactionism, social constructionism, poststructuralism and psychoanalysis. Students examine these theories by considering relevant topics such as cultural identity and difference, media images and postmodernity. Prereq.: Entry-level sociology or anthropology course or instructor's consent. Counts toward SOCIOLOGY and ANSO theory-intensive requirements.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSS 071 - ENVIRONMENTALISM IN THE U.S.

This course uses sociological concepts and methods to examine contemporary environmental movements. Students will learn about the ideological and organizational diversity of environmental movements, consider beliefs and experiences that lead people to participate in these movements, and study the ways that environmental activism is shaped by social structure and social institutions. Movements considered may be ones that focus on wilderness protection, animal rights, anti-pollution activism, environmental justice, buying "green," and others.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen, Values and Ethics

### SCSS 072 - GLOBAL SOCIAL CHANGE

In this class, we will examine and critique dominant conceptualizations of globalization and economic development. Globalization and economic development are two interconnected concepts, constructed through the same historical and social contexts of unequal power relations. Both words are typically understood as something positive, and something that "we" in the United States have that "they" do not. In the class, participants will look at how dominant economic development and globalization ideologies emerged, how they operate, and how they are resisted. This course will investigate alternative ways of imagining and constructing global social change using discussion, case studies, fiction, lectures and writing. Prereq: One course numbered Anth 002-025 or Soc 001-025 or instructor consent. Fulfills International/Multicultural Area of Inquiry.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### SCSS 074 - DEBATING MARRIAGE IN CONTEMP US

This course will explore contemporary debates in the United States over marriage. We will critically engage with two particular streams of political and social dialogue concerning marriage: policies promoting marriage among welfare recipients as a means of combating poverty, and laws and policies concerning the legalization of gay marriage. Each of these topics on its own provides a rich and controversial political debate over the relationship between individuals, political dialogue, and the larger social structure. When explored alongside each other these political debates make clear the role of the state in legitimizing and reproducing particular forms of family, and the ways that people in different social locations - or embodying particular social identities - are situated differently in relation to social power. This course will draw on a broad range of disciplinary perspectives including ethnography, history, sociology, women's studies, and American studies. Students will engage in course work that challenges them to critically explore their own identities in relation to family and the state, as well as the larger political issues being considered.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

Engaged Citizen

### SCSS 075 - INTRO TO WOMEN'S STUDIES

(WS 1) This course is designed to familiarize students with women's experiences as well as with the ways in which society shapes notions of gender. The course also provides ways to identify and analyze how a society's notions of gender shape the ways in which a society sees and organizes itself. Class members examine the construction of women's social roles and their personal experiences, discussing points of congruence and dissonance. In this interdisciplinary course, reading and discussion material are drawn from fields such as religion, sociology, psychology, political science and literature, so students may examine the views, status and contributions of women. Class sessions consist of lectures, guest speakers, films, and discussion.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

All Sections for this Course

Study of Culture & Society Department

Course Attributes:

Community Engaged Learning, Engaged Citizen, Women's and Gender Studies

### SCSS 076 - INTERMED TOPICS/SOC

These courses cover topics being offered on a one-time basis, or for the first time, before being added formally to the curriculum. Prerequisites vary.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Study of Culture & Society Department

### SCSS 078 - SOCIOLOGY OF CHILDHOOD

The class includes discussion and an intensive service learning component. The sociology of childhood presents two insights: childhood is a lived experience and a structural form.

As a lived experience, children actively create meaning and engage in social processes that make them a part of society from birth. Children play, learn, question, suffer, challenge, and create. They are not just "under development" or "being socialized," but active in contributing to their own childhoods and to society.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Service Learning

### SCSS 080 - SOCIAL PROBLEMS

Why do we care about some social problems and yet ignore others that are possibly more harmful? This course is not an in-depth study of any one social problem nor is it a survey of social problems in our society. Rather this course will examine how and why we think about social problems and how we respond to them (or do not respond). Using the theoretical perspective of social constructionism, students will examine how social problems are socially constructed and how different organizations and constituencies attempt to frame them in different ways. Students will learn that the way we define and interpret social problems is based on human activity and claims-making, which both reflect and perpetuate larger cultural and social forces. The principles and concepts learned in this course will be useful for critical analysis of social problems, statistics, inequality, public policy, politics, media, advocacy, and popular opinion. The course fulfills a theory-intensive requirement for sociology majors. Prereq: Entry level sociology or anthropology course or instructor consent.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen

### SCSS 081 - MEDICAL SOCIOLOGY

This course applies sociological principles to health, illness, and health care. In order for students to fully develop an understanding in this context, a variety of perspectives will be explored and critiqued including that of patients, providers and society. This draws on foundational disciplines at the broader level and frames them into the biomedical experience. For example, sociological constructs of age, gender, ethnicity, and social class; psychosocial aspects of personal illness experience, historical and political perspectives of dominance, regulation and governance of providers and health care organizations will be the multidisciplinary topics covered. Other topics may include but are not limited to: history of 'western' medicine, models of illness, stress and well-being, social stratification of illness, health demography, medicalization and de-medicalization of illness, disability, and patient-provider relationships. A combination of reading, discussion, reflective activities, and paper/project composition will be used to facilitate comprehension of the course material.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Pharmaceutical & Admin Science Department

### SCSS 082 - MEN, MASCULINITY, MOVIES

This course aims to provoke insight, stimulate discussion, and lead to academic writing on the objects "men" and "masculinity" today, primarily within a Western socialcultural frame. Students are asked to use careful viewing of popular film and the reading of social theory and research on gender as the bases for that discussion and writing. Fulfills theory-intensive requirement for Sociology and Anthropology-Sociology students.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Critical Thinking

### SCSS 085 - SOCIOLOGY OF EVERYDAY LIFE

Sociology of Everyday Life focuses on the daily details of how people interact with each other and the consequences of those interactions. Social interactions help create and maintain relationships, social divisions, institutions, social structure, and cultural forces that make up our world and shape our differing subjective experiences. Some of the topics will include interpersonal relationships, emotion work, self-narratives, negotiating a working consensus, saving face, politics of language, identity, constructing normality and deviance, institutional talk, impression management, social control, and politics of reality. Prerequisite is SCSS 001 or instructor's permission.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSS 100 - DOING MORALITY

This course examines the social construction of morality in social situations, with particular reference to the ways that "troubles", "problems" and "bad" behavior become more public moral questions. In addition, the nature of morality as an accomplishment, as something that is done rather than something that we have are central issues, as is the question of what it might mean to "be moral" in 21st Century North American space. Interpretive theories of deviance and social problems, juxtaposed with elements of poststructuralist thinking, provide analytical resources that shape the discussion.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Values and Ethics

### SCSS 105 - RACE, GENDER & POVERTY

This course focuses on the way that race, gender, disability, and poverty are organized and configured through public policy, social structure, and public discourse. Prereq; Entry-level sociology or anthropology course or instructor consent. May be used as part of Women's Studies Concentration.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Women's Studies Course

### SCSS 122 - MAKING FAMILIES PUBLIC

In this course we will explore relationships between families and the public sphere. The complexities of understanding how families are both shaped by and shape public culture lead us to an interdisciplinary approach to exploring families in context that includes attention to media, public policy, law, and community engagement. Contemporary concerns over families—what they look like, who they are, how they are shaped by society, how their “legitimacy” is legislated—have become subjects of fierce public debates in recent years. We will explore in particular the avenues through which “the state” legislates families, public debates emerge in the media, and citizens engage in public actions and dialogues over the meaning and shape of contemporary families. Family has always been a site of shifting and contested meanings. Society has investments in defining and regulating families in particular ways, and families, in turn have their own stakes in how they are seen, recognized, and provided for in the public realm of rights, benefits, and obligations associated with citizenship. Indeed, family will be explored as an arena of public debate about the meaning of citizenship. We will, as a class, consider academic and political debates about the meanings of family, as well as participate in public education and community engagement around contemporary local and national issues concerning the diversity of families.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen, Historical Foundations, Women's and Gender Studies

### SCSS 130 - CONTEMP CHINESE SOCIETY

An overview of the social and cultural life of post-imperial China up to the early 21st Century. The course gives particular attention to the socialist revolution of 1949 and the changes brought to China by the Chinese Communist Party, the force of Mao Zedong and the Cultural Revolution, and the post-Mao and post-socialist

period initiated by Deng Xiaoping. Beyond an introduction to Chinese culture and society of the modern period, the course urges students to reflect on their own process of studying peoples and cultural practices that are "Other" to the West. May be used as part of Women's and Gender Studies Concentration.

0.000 TO 3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

Global and Cultural Understand, Historical Foundations, Historical Consciousness, LPS Comparative Course, Women's and Gender Studies, Women's Studies Course

### SCSS 133 - SOCIAL STRUCTURE/SOCIAL CHANGE

This course examines various ways that sociologists think about social structure and social institutions. Sociologists use the terms "social structure" and "social institutions" to refer to broad patterns of social organization that influence the lives of individuals, sometimes without their knowledge. Drawing from important theoretical works, we will explore the worts of structures and institutions that sociologists believe characterize modern societies, as well as considering where these structures come from and how they change over time. Topics include social stratificaiton, systems of norms and values, language and culture, bureaucracy, and social conflict and revolution. Sociology and ANSO majors may use this course to satisfy one of their "theory-intensive" requirements. Prerequisite is one sociology or anthropology course or instructor's permission.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Critical Thinking

### SCSS 135 - SCIENCE AND SOCIETY

This course offers a historical and theoretical overview of the interdisciplinary field called science studies or the social studies of science and technology as it has emerged mostly since the 1970s in the United States and the United Kingdom. The focus moves beyond looking for so-called "social factors" or "forces" thought to influence the social organization of science and scientific work to taking the very contents and practices of science as the objects of critical examination, including the very study thus constituted.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed



## Study of Culture & Society Department

Course Attributes:  
Critical Thinking

### SCSS 136 - DIGITAL STORYTELLING

This interdisciplinary course will serve as an introduction to critical digital storytelling for social justice. Students will be introduced to narrative analysis of contemporary culture and society, exploring the uses of storytelling to foster social change. We will consider storytelling about the U.S. and the people who live here, at the individual, familial, cultural, media, and institutional levels. We will focus in particular on using personal narratives as vehicles for exploring and challenging power relations. One of our goals will be to come to a fuller understanding of ourselves and of the various communities we inhabit. We will critically explore and analyze public and personal narratives about the contemporary world, including particular attention to the stories that don't often get told publically. During the course students will write, research, and create a short digital story focused on a contemporary social issue that will be put online for public education and engagement.

3.000 Credit hours  
3.000 Lecture hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Engaged Citizen

### SCSS 137 - WOMEN, MADNESS & CULTURE

This course explores the relationship between gender and socio-cultural definitions of mental health and illness, and examines the history of the treatment of women within the major settings of the mental health system; psychiatry, psychoanalysis and asylum. The first major goal is to understand the social relations of power within which psychiatry emerged and within which women became defined as "hysterical", "irrational" or "mad". A second goal is to chart the relationship between women's social roles and the experience and treatment of mental illness, making use of autobiographical and fictional accounts by women, films and other materials. Prereq.: One entry level sociology or anthropology course or Introduction to Women's Studies (WS 75/SCSS 75/ENG 75) or instructor consent. May be used as part of Women's Studies Concentration.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Study of Culture & Society Department

Course Attributes:  
Women's Studies Course

### SCSS 138 - CONSTRUCTING NORMAL

This course will explore social, cultural, individual, and structural definitions of "normal" and "abnormal" in the United States. We will consider this issue through a range of interdisciplinary sources including media, literature, ethnography, history, science, and public policy. The course will address such issues as disability,

sexuality, gender, race, and socioeconomic status in an attempt to understand how social definitions of normality shape our views of ourselves and others, as well as how they are implicated in the maintenance of power relations. We will consider the ways understandings of normal are contested and shifting in the contemporary United States at individual, community, cultural, and structural levels of society. This is a theory-intensive course.

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

### SCSS 140 - YOUTH AND CRIME

A sociological study of the youthful offender in American society. Special emphasis is placed on theories of youthful crime, societal responses that have impacts on definitions of youthful crime and subsequent public policy, research methodologies employed in understanding the quality and quantity of youthful crime, predicting youthful crime, and social control associated with youthful behavior defined as being negative. Prereq.: Entry-level sociology or anthropology course or instructor's consent.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSS 145 - FOOD & SOCIETY

The aim of this course is to unearth and analyze the social context of food production, distribution, and consumption. Students will examine social identities represented and reproduced in food consumption, food regulation and food-based activism, and cultural differences in the preparation and eating of food, among other topics. The course will focus mainly on food in the United States but may also consider comparisons with other countries. Materials for the course include works written by sociologists and anthropologists as well as popular examinations of the food industry and food policy. Pre-req: one entry-level sociology or anthropology course.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

Engaged Citizen

### SCSS 146 - RESTORATIVE JUSTICE

Restorative justice is a perspective that views crime as a harm against people and the community, which needs to be addressed through the involvement of offenders, victims, and the community. This course provides an introduction to the principles and practices behind restorative justice. The course is designed to allow students

to struggle along with the experts in trying to navigate the opportunities and challenges, the success stories and the pitfalls that accompany restorative justice programs. In the process, students will explore questions about justice, crime, imprisonment, punishment, rehabilitation, forgiveness, and the purpose of a legal system.

3.000 Credit hours

Levels: Graduate, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Community Engaged Learning, Values and Ethics

### SCSS 150 - SELECTED TOPICS

Courses listed as selected topics in sociology are either one-time offerings or are courses that have not been added formally to the curriculum. Prerequisites vary. Availability of graduate credit is course-specific.

0.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Study of Culture & Society Department

### SCSS 151 - CRIMINOLOGY

General facts and theories with respect to crime, the criminal and his or her treatment by society; emphasis is on the theories of causation and criminal behavior and problems in prison treatment, probation, and parole. Prereq.: Entry-level sociology or anthropology course or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Critical Thinking, LPS Public Policy Course

### SCSS 152 - MADNESS, CULTURE, POWER

In this course we will examine mental illness and psychiatry from a critical, social and historical perspective. The course focuses on mental illness not solely as an individual, medical problem, but as a social phenomenon, created, experienced, and interpreted in particular historical and social circumstances. Particular themes we will address include the historical and social construction of concepts of mental illness, gender, racial and cultural differences in diagnosis; media images of mental illness and psychiatry, the social experience of depression and trauma, and autobiographical narratives of mental illness.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSS 153 - DOCUMENTARY VIDEO CHALLENGE

This course will be an immersion in methods of qualitative fieldwork and digital video as cultural critique. Students will be introduced to ethnographic participant-observation and interviewing methods, as well as video editing techniques. During the three-week J-term course students will work in small groups to conduct ethnographic research, document it on videotape, and produce short video essays that will be put on both the IRC web site for community outreach and the Drake Cultures of Engagement site. This course will serve as an introduction to qualitative interview-based research and critical digital storytelling. SCS: Research design course and CEL course. This course is cross-listed with SCSA 153.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Community Engaged Learning, SOC Research Design Course

### SCSS 154 - POVERTY & SOCIETY

A focus on a sociological exploration of the relationship between poverty and current social concerns, the changing nature of poverty, changes in social responses to poverty, with a special emphasis on public policy implications. Prereq.: Entry-level sociology or anthropology course or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

### SCSS 156 - REPRESENTING RACE

This methods-intensive course will introduce students to the interviewing methods associated with life history research, as well as the issues of representation involved in the writing and filming of people's lives and identities. Prereq; Entry-level sociology or anthropology course or instructor's consent.

0.000 TO 3.000 Credit hours  
0.000 Lab hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

Community Engaged Learning, LPS Social & Ethical Course, SOC Research Design Course

### SCSS 157 - SOCIOLOGY OF THE SIXTIES

This methods-intensive course examines how sociologists have used historical research to understand the rapid social changes that occurred in American society around the 1960s. The class will investigate the development of mass-based civil rights activism in the American South and may also consider multicultural and peace movements, activism focused on gender and sexuality, and the resurgent conservative politics of the period. Students in the class will be introduced to methods of historical analysis and argumentation and will complete an independent research project using these methods. Prereq: One entry-level sociology or anthropology course.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

Historical Foundations, Historical Consciousness, Information Literacy, SOC Research Design Course

### SCSS 158 - SOCIAL SCIENCE STATS

Descriptive and inferential statistics most often used in social science research are examined, with an emphasis on statistics as communication tools; includes development of skills in formula reading, interpreting statistical outcomes and selecting appropriate statistics for analysis of various research questions and data. Counts toward SOCIOLOGY and ANSO methods-intensive requirements.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

Critical Thinking, Quantitative, SOC Research Design Course

### SCSS 159 - METHODS OF SOC RES

Survey of selected research methods used in sociology, with varying emphasis on survey, documentary, observational, archival and other techniques, both qualitative and quantitative. Counts toward SOCIOLOGY and ANSO methods-intensive requirements.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Critical Thinking, SOC Research Design Course

### SCSS 160 - JOBS ORGANIZATIONS INEQUALITY

This course examines the organization and experience of work in the modern American economy, using both classical and contemporary sociological writings. We will pay special attention to how the workplace and labor market are connected to inequalities of race, class, and gender. The course also will examine the growth of flexible manufacturing and service sector employment in the United States and the corresponding rise of contingent and insecure work. Finally, we will discuss several perspectives on the relationship between work and family structure. Prereq: One entry-level sociology or anthropology course.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen

### SCSS 161 - RACE & ETHNICITY

An examination of the nature of social inequality based upon conceptions of race and ethnicity. Emphasis is on the economic and power relationships that have characterized the history of racial and ethnic inequality in the United States. Prereq.: Entry-level sociology or anthropology course or instructor's consent. May be used as part of Women's Studies Concentration.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
International & Multicultural, Women's Studies Course

### SCSS 163 - SUSTAINABLE COMMUNITIES

This course explores how concerns about social equity, environmental welfare, and resilience in the face of rapid and disruptive change are shaping the character of human communities in the 21st century. Using ideas from the interdisciplinary fields of urban studies and community planning, students will investigate how processes of political advocacy, decision making, and sustainable design are occurring in cities, suburbs, and towns. The course also includes a community-engaged learning component that will bring students into dialogue with planners and residents in the city of Des Moines.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen

#### SCSS 164 - FEMINISM, NATURE, MATTER

The current ecological crises as well as advances in biotechnologies have spurred a rethinking of nonhuman nature and matter within the social sciences and humanities, which has transformed concepts of culture and society. How have nature or biology been construed in social and feminist thought? How do recent material feminists rethink concepts of "nature" and "culture" and their relationship? How can feminist theory make biology part of their theories, while avoiding reductionist, determinist, or mechanistic views of nature? In this course, we will examine how feminist thought has taken up these themes, and we will read several contemporary works addressing issues such as the meanings of "nature" and culture, the agency of matter, ecological co-existence, feminist readings of evolutionary theory, companion species, animal studies, and technology and objects. Counts toward Sociology and Anthropology-Sociology theory-intensive requirements. Pre-requisite: one entry-level course in SCSS, SCSA, or SCSR, or SCSS/ENG/WS 075.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Int Study Humanities/Sciences, Values and Ethics

#### SCSS 167 - SOC AFRO-AMER EXPER

This course is an exercise in the application of sociological theory, concepts and methods to the study of African-Americans. The focus of the course is the socio-historical context of the African-American experience. Students examine the social institutions of United States society as they relate to the African-American experience and the subcultural institutions established by African-Americans. Prerq.: Entry-level sociology or anthropology course or instructor's consent.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

LPS Social & Ethical Course, LPS Public Policy Course, International & Multicultural

SCSS 170 - DEVIANCE

In its broadest sense, the course is about how definitions of "badness" are created in society and culture and attached to people, actions, places, and things. The sociological concept "deviance" can take the place of the word "badness" in that sentence. This process is political and has a great deal to do with power, including the power of the state. The premise of the course is that deviance is always relative to time, place, power, authority, and even person. Pre-requisite: Entry-level sociology or anthropology course or instructor's consent. Counts toward SOC and ANSO theory-intensive requirements, Values and Ethics AOI, and LPS fulfillment.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:

Cat 3 - LPS - LPS conceptions, LPS Social & Ethical Course, LPS Public Policy Course, Values and Ethics

SCSS 171 - GRIEF AND LOSS

In this course, students will learn how narratives of grief are constructed, experienced, debated, politicized, and pathologized. We will examine various aspects of grief including cultural difference, social policing, media portrayals, and theoretical debates. Students will learn how tragedy and grief are used to sell politics and products and what implications this has on individual and cultural understandings of loss. This course is reading and writing intensive. Prereq: one entry-level sociology or anthropology course or instructor consent.

3.000 Credit hours

3.000 Lecture hours

Levels: Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

SCSS 174 - FEMINIST THEORIES/SUBJECTIVITY

This course is a critical, in-depth examination of contemporary feminist theories of subjectivity. The central concern is for students to gain an understanding of the relationships between sexual difference, subjectivity and social relations of power. Students explore theories that address the psychic and subjective roots of relations of gender, power and domination, as well as the socio- historical dimensions of gender subjectivity. Materials and the approach used in the course are interdisciplinary, drawing on sociology, literary criticism, film studies, philosophy and psychoanalysis. Prereq.: Introduction to Women's Studies (WS 75/SCSS 75/ENG 75) or one entry-level sociology or anthropology course or instructors consent. Counts toward SOC and ANSO theory-intensive requirements. May be used as part of Women's Studies Concentration.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate



Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Values and Ethics, Women's Studies Course

### SCSS 175 - SOCIAL STRATIFICATION

This course examines class, race, and gender inequality in the United States by combining hands-on experiences with careful consideration of sociological theory. Through service learning, reading, writing and classroom discussion, students will evaluate the effectiveness of social theory to explain stratification in the United States as well as responses to structural inequality. Students must commit to working at a service learning partner site eight hours per week. Counts toward SOC and ANSO theory-intensive requirement.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Study of Culture & Society Department

Course Attributes:  
Community Engaged Learning, Engaged Citizen, Cat 3 - LPS - LPS conceptions, LPS Social & Ethical Course, LPS Public Policy Course

### SCSS 176 - DOCUMENTING LIVES

This theory-intensive course will draw on a broad range of disciplinary perspectives to consider questions concerning how to document, understand, and interpret the life experience of human beings, primarily in the contemporary United States. We will focus in particular on the documentation of women's lives. Documentary film, popular culture, documentary writing, ethnography, feminism, psychology, anthropology, sociology literature, and memoir will be considered in exploring how to represent the ways that such axes of difference as race, gender, ethnicity, sexuality, class, age, and disability shape individual and group identities. Course materials will focus on the ways that society organizes categories of identity and treats people differently based on such categories, as well as how such aspects of identity shape individual conceptions of self. Counts toward SOC and ANSO theory-intensive requirement. May be used as part of Women's Studies Concentration.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Women's Studies Course

### SCSS 178 - GENDER, TECHNOLOGY, EMBODIMENT

In this course we will study the social and ethical implications of new technologies that alter the understanding and experience of embodiment and that challenge the boundaries and meaning of gender and race-ethnicity. We will read critical feminist and social analyses of topics such as genetic testing, new imaging technologies, reproductive technologies such as ultra-sonography, transnational surrogate motherhood, posthumanism, and affect and biotechnologies of control. We will study theoretical concepts through which to analyze the changing relations between biotechnologies and social relations. Prerequisite: One entry-level sociology or anthropology course.

3.000 Credit hours  
3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Int Study Humanities/Sciences

### SCSS 179 - SOCIOLOGY OF EDUCATION

Education is created through the social organization of aspirations and resources. The stakes are high: education can determine how children see themselves, partially determine an individual's social class, the ability she has to contribute as a citizen, and the future of the society in which the child lives. The educational system teaches values, distributes capital, and both decreases and reproduces social inequality. The class focuses on macro and micro questions in the sociology of education as well as education advocacy.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

Course Attributes:  
Engaged Citizen

### SCSS 181 - DEATH & SOCIETY

How do we respond to death and why? Using a sociological lens, this course examines historical and contemporary perspectives on death, dying, and bereavement. Students will explore variations in attitudes and rituals concerning death, dying, funerals, and memorialization. Though the experiences of death, dying, and bereavement are intensely personal, they are shaped by social, political, legal, and cultural forces. These experiences also vary by culture, social class, age, race, gender, and religion. Other topics include the politics of death and the influence of the funeral industry. This course is reading and writing intensive. Prerequisite: one entry-level sociology or anthropology course or instructor consent.

3.000 Credit hours

Levels: Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Study of Culture & Society Department

SCSS 197 - INDEPENDENT STUDY

Directed independent study and/or research in a problem area selected by the student and not otherwise provided for in a regularly scheduled course. Prereq.: Sociology major, senior standing, overall GPA of at least 3.0, completion of not less than 18 hours of sociology courses, instructor's consent and department approval.

1.000 TO 3.000 Credit hours

Levels: Undergraduate

Schedule Types: Independent Study, Web Instructed

Study of Culture & Society Department

SCSS 198 - INTERNSHIP

The internship provides an opportunity for practical application of theoretical and research issues in approved work situations, with faculty supervision, guidance and evaluation. Prereq.: Sociology major, completion of 15 hours of sociology courses and 60 hours of college credit with overall GPA of at least 2.75, instructor's consent and department approval. The internship is graded and may be counted toward major.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture, Web Instructed

Study of Culture & Society Department

SCSS 199 - SENIOR CAPSTONE

The senior capstone course is a culmination of a student's study of his/her major. The semester-long course, meeting as a seminar, asks students to propose, pursue, and complete an independent project of inquiry, to be negotiated in its detail with the faculty member, that will result in a completed document and an oral presentation. The student project should draw on the practices of inquiry and analysis found in the coursework and reading common to the major area and reflect the student's academic experience in the major. Prerequisite: Senior major in sociology; anthropology/sociology; or rhetoric, media, and social change.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Study of Culture & Society Department

SMCE 001 - NUTRITION & WELLNESS

Examination of nutrition principles using chemistry, biology, physics and mathematics. Content will include structure-function relationships of the food groups, energy and metabolism, regulatory processes, and health indices. Projects of real world application will be performed to gain hands on experience with the scientific method, data handling and interpretation, and scientific communications. For nonscience majors. If both

SMCE 001 & 002 are completed, then the requirements for the Drake Curriculum requirements of life science, physical science and math are met. If only one course is completed, then either the life science or physical science requirement is met.

0.000 TO 5.000 Credit hours

5.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

Life Science, Physical Science

SPAN 0-- - SPAN LOWER LEVEL TRANSFER CR

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

World Languages and Cultures Department

SPAN 001 - BEGINNING SPANISH I

Spanish 001 is the first semester of an introductory course to Spanish language and Hispanic cultures. This course emphasizes communication and the improvement of your listening, speaking, reading, and writing skills in Spanish. You will also become increasingly familiar with the cultures of Spain and Latin America. The approach used to reach these goals requires consistent participation and interaction with your classmates, your native speaker, and your professor. Class time will be used primarily to engage in activities that will include active physical participation, dialogues, skits, group work, and conversations with classmates.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

SPAN 002 - BEGINNING SPANISH II

Spanish 002 is the second semester of an introductory course to Spanish language and Hispanic cultures. This course emphasizes communication and the improvement of your listening, speaking, reading, and writing skills in Spanish. You will also become increasingly familiar with the cultures of Spain and Latin America. The approach used to reach these goals requires consistent participation and interaction with your classmates, your native speaker, and your professor. Class time will be used primarily to engage in activities that will include active physical participation, dialogues, skits, group work, and conversations with classmates.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand

### SPAN 051 - INTERMEDIATE SPANISH I

This is a course designed to promote communicative competence. Students are expected to learn to use Spanish for communication in real, meaningful situations and to develop an appreciation of all the different cultures of the Spanish-speaking world, including the United States. To attain these goals, this course focuses on using Spanish as much as possible during the seminars with the professor and also when interacting in small groups with a conversation tutor (a native speaker).

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

### SPAN 052 - INTERMEDIATE SPANISH II

This course is content-based and designed to promote communicative and cultural competence. Students will develop their listening, speaking, reading, and writing skills as they discuss current affairs, short films, films, and literary prose. Students will also develop an appreciation of all the different cultures of the Spanish-speaking world, including the United States. This course focuses on using Spanish as much as possible during the seminars with the professor and also when interacting in small groups with a conversation tutor (a native speaker).

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand

### SPAN 1-- - SPAN UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Modern Language Department

### SPAN 135 - SPANISH MEDICAL TERMINOLOGY

A course designed to help anyone interested in healthcare to communicate with those patients whose native language is Spanish. Learn how to quickly address health-specific issues like medical complaints and insurance information, comprehending symptoms described by Spanish-speaking patients, and much more. Even more important, understanding key Spanish phrases assures the health and safety of everyone involved. Spanish Medical Terminology and Healthcare is designed for students in the fields of nursing, pre-medical programs, biology, and pharmacology students in the fields of nursing, knowledge of medical terms and basic human anatomy. Upon completion, students should be able to communicate at a functional level with native

speakers and demonstrate cultural awareness and sensitivity. To be enrolled in this class, students need to have successfully completed Intermediate Spanish II (SPAN 052) or higher.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

World Languages and Cultures Department

#### SPAN 140 - SPANISH PRTCL SPKG&WRTG

Spanish 140 is a course in Spanish spoken and written communication that emphasizes the development of reading and writing skills necessary to comprehend, discuss, and produce authentic Spanish texts. Students will be able to fully express in Spanish after being introduced to a series of readings about literature and culture, and convey what is on their minds, both in writing and speaking. Emphasis is also placed on technology-based learning, learning strategies, and critical thinking skills that will enhance your language learning.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

#### SPAN 150 - SPANISH LANG & CLTR

This is a topics course for advanced language learners. Students may repeat this course as the topic changes.

0.000 TO 3.000 Credit hours

0.000 TO 3.000 Lecture hours

0.000 Lab hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

World Languages and Cultures Department

#### SPAN 151 - NATIONAL IDENTITY

This course explores the normative issues that arise as national identities in particular countries are challenged by the strengthening of transnational and sub-national identities. Topics might include: immigration, multiculturalism, religious diversity, the import of foreign popular culture products, efforts to protect national languages, the status of indigenous cultures, etc. Specific topics will vary depending upon the country or countries examined. Students may repeat the course once as the topic varies.

0.000 OR 3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

Global and Cultural Understand, International & Multicultural

### SPAN 152 - FILM

This course examines a variety of Spanish linguistic and cultural topics through classic and contemporary film and additional course materials such as texts and musical scores. Themes may include historical and political events, race, human rights, social class, gender, relationships, immigration, and religion, among other topics that will enhance knowledge of Spanish language and Spanish-speaking cultures. Students will analyze and discuss films using pertinent vocabulary, concepts, and theories. Students may repeat this course once as the topic varies.

0.000 OR 3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Course Attributes:

Artistic Experience, Global and Cultural Understand

### SPAN 153 - CULTURE AND SOCIETY

The Spanish language interacts with many languages around the world, such as Mayan, Amerindian, and other indigenous languages in Latin America; and Basque, Catalan, and Galician in Europe. In the United States, multiple varieties of Spanish interact with English. This course explores societal, religious, historical, and political contexts that arise within the shared spaces and cultures. Students may repeat this course twice as the topic varies.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Discussion/Recitation, Lecture, Web Instructed

World Languages and Cultures Department

Course Attributes:

Historical Foundations, Service Learning

### SPAN 154 - CULTURAL HEALTH PERSPECTIVES

1.000 TO 3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

World Languages and Cultures Department

### SPAN 155 - SPANISH FOR BUSINESS

Spanish 155 is a contemporary Spanish business language course that seeks to develop written and spoken language skills of intermediate to advanced students, focusing on real business situations from the Spanish-speaking world. This course provides functional vocabulary and disclosure used in Spanish for relevant business-related topics, including protocol, international markets, labor organizations, banking, health systems, customer service, import/export, mass media, tourism, real estate, and social responsibility. Students in this

course participate in formal and informal conversations on practical and socio-cultural topics about the Spanish language and relevant themes from authentic readings and listening materials from the business environment of Spain and Latin America. Emphasis is also placed on technology-based learning, cultural learning, learning strategies, and critical thinking skills that will enhance students' language learning. Student final projects will include an experimental component that applies socio-cultural themes studied during the semester.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

World Languages and Cultures Department

### SPAN 160 - LITERATURE

This course aims to develop a deeper understanding of language, literary analysis, terminology, and concepts of literature in Spanish. Literary texts, oral tradition, and genres such as narratives, poetry, drama, testimonials, mythology and legends, and urban literature will provide a basis to explore social and historical contexts of Spanish-speaking regions and cultures. Students may repeat this course twice as the topic varies.

0.000 OR 3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Course Attributes:  
Global and Cultural Understand

### SPAN 165 - CAPSTONE PROJ FOR SPAN MAJORS

Each student pursuing the Spanish major must complete a capstone project through this course that demonstrates proficiency in Spanish language and competency in the culture(s) of the Spanish-speaking world. This is a directed-study course that requires a project in which the student, in close consultation with the course's faculty member, selects a topic related to Spanish, Latin American, or U.S. Latino cultural studies, history, literature, or linguistics; carries out a project on that topic; develops and presents the results of this project in Spanish; and engages in scholarly collegial discussion with peers and faculty.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### SPAN 170 - INDEPENDENT STUDY

Students enrolled in this course utilize their language skills to pursue an area of interest while working directly with a professor of the language.

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Independent Study, Web Instructed



## SPEC 137 - STUDY ABROAD

0.000 TO 12.000 Credit hours

Levels: Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture

International Programs Department

## SPEC 200 - WORKING WORLDWIDE TEFL TRAIN

This program trains recent college graduates for teaching English in Hebei Province in China.  
0.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Lecture

Undeclared Department

## SPEC 201 - CHINESE EDUCATORS PROGRAM

Chinese Educators is a summer program in which teachers from Hebei Province in China will be on Drake's campus. SPEC 201 is the basic course - no optional events are included in this price.  
0.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Independent Study

Undeclared Department

## SPEC 202 - CHINESE EDUCATORS PROGRAM

Chinese Educators is a summer program in which teachers from Hebei Province in China will be on Drake's campus. SPEC 202 is the package which includes optional events.  
0.000 Credit hours

Levels: Non Degree Coursework  
Schedule Types: Independent Study

Undeclared Department

## SPED 1-- - SPED UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Special Education Department

## SPED 120 - INTRO TO SPECIAL EDUCATION

This course orients the learner to the etiology, learning and behavioral characteristics of exceptional children and adults. The history, philosophy, and legal foundations underlying instructional programs and services to accommodate exceptional persons in the schools and community are examined. Techniques appropriate for regular classroom instruction of exceptional children and youth, including individualized instruction, behavior management, and consultative and diagnostic services are described and illustrated. NOTE: This course or an equivalent is a prerequisite to all special education courses.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### SPED 122 - CHARACTERISTICS MILD/MOD DISAB

This course is an introduction to the strengths and needs of students with mild and moderate disabilities in relation to the levels of instructional support required. The course focuses on the developmental, cognitive, language, perceptual, social, academic, and behavioral characteristics associated with mild/moderate disabilities. Etiology, classification, and legal concerns will be discussed as they relate to the learning process.  
3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### SPED 123 - METHS & STRATS FOR EXCEP LEARN

This course is designed for special and general educators, and other professionals who have need of knowledge and experience in adapting and accommodating classroom learning environments (socio-emotional, behavioral, and physical) for students with disabilities. Within this course, the following methods for exceptional teaching and learning will be explored: inclusion, transition, co-teaching arrangements, and differentiating instruction in mixed ability classrooms. Individualized Educational Plans (IEPs) and successful integration practices for students into regular classroom environments will also be analyzed for implementation.  
3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Community Engaged Learning, LiveText (ED)

#### SPED 124 - CURR&METH MOD/SEV INTELL DISAB

This course focuses on strategies for promoting academic success in general education curriculum for students with special needs. The selection and adoption of curricular models and materials in reading/language arts, mathematics, science, and social studies will be studied. The role and types of assistive technology used to augment the learning process will be discussed.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 125 - INTRO & INTERVEN EMO &BEHA DIS

This course focuses on the history, definitions, characteristics, and etiological backgrounds of children and adolescents with significant emotional and behavioral disabilities. A variety of perspectives will be examined including the students themselves, their families, educators and other individuals and entities providing interventions and services for these youth. Focus will be on the central characteristics of cognitive, social, academic, and behavioral domains, as well as commonalities and contrasts to other disabilities. This course will also include interventions that are school and classroom specific as well as more broad based interventions that involve school personnel as well as other community, family or social service programs and services. Content will also include intervention models within various systems such as mental health, juvenile justice, and positive behavioral supports systems. Current federal legislation and initiatives impacting these populations will also be addressed.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 126 - EVID BASE INTERV MOD/SEVERE LD

This course focuses on the history, definitions, characteristics and etiological backgrounds of children and adolescents with moderate to severe specific learning disabilities. Students will learn about a variety of research-based universal and selected interventions and strategies that have been demonstrated to decrease the achievement gap for students with moderate to severe learning disabilities across multiple learning environments. Collaborative and consultative roles of teachers of students with learning disabilities will also be explored.

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 127 - STU TEAC SPED MILD/MOD DIS K-6

Supervised teaching experiences in programs serving students with mild/moderate mental disabilities, learning disabilities, and/or behavioral disorders. Prerequisites: Completion of all required coursework through

methodology classes; enrollment with advisor approval only.

5.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture

### SPED 128 - STU TCH SPED MILD/MOD DIS 7-12

Supervised teaching experiences in programs serving students with mild/moderate mental disabilities, learning disabilities, and/or behavioral disorders. Prerequisites: Completion of all required coursework through methodology classes, enrollment with advisor approval only.

5.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture

Special Education Department

### SPED 130 - INDEPENDENT STUDY

1.000 TO 3.000 Credit hours

1.000 Other hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Web Instructed

### SPED 131 - INTRO TO AMERICAN SIGN LANGUAG

This course is a study of the basic skills and knowledge of American Sign Language (ASL) in the context of communication systems for students with hearing impairments. Sign vocabulary acquisition and development of expressive and receptive skills are stressed. Educational implications of signing are examined. This class is for students with minimal or no sign skills.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture

Special Education Department

### SPED 132 - INTERMED AMERICAN SIGN LANG

This course is a study of the skills and knowledge of American Sign Language (ASL) at the intermediate level. Sign vocabulary acquisition and development of expressive and receptive skills are stressed. Educational implications of signing are examined in the context of communication systems for students with hearing impairments. Prereq: SPED 131 or equivalent.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Special Education Department

**SPED 133 - ADVANCED SIGN LANG**

This course continues, at an advanced level, the study of sign forms and linguistics of American Sign Language (ASL) in the context of American Deaf Culture (ADC). Primary emphasis will be on developing fluency in discourse skills augmented with additional ASL forms and further use of ASL grammar. Further study of the Deaf Community and its culture is reflected by reviewing classic articles and current literature and its application to ASL. Prereq: SPED 132 or equivalent.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Special Education Department

**SPED 134 - INCLUSN: ISSUS/RSPBLTY/INTRVTN**

The purpose of this course is to examine current issues related to inclusive education. Students increase their understanding and appreciation of diversity in the classroom. Models and methods that have supported successful community, school, and classroom inclusion are presented.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Special Education Department

**SPED 150 - INST ACCOM OF EXCEPT LEARNERS**

This course focuses on the design and delivery of instruction to accommodate the needs of students in special education. Individual educational programs, teaching models, learning strategies, task analysis, data-based instruction, and issues related to inclusive education are examined.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Special Education Department

**SPED 151 - ASSESSMT/DIAGNOSIS/EVALUATION**

This course is designed for special educator and other professional involved in the diagnosis, assessment, and evaluation of children and adolescents. Course work emphasizes the use of assessment for decision making in school, community, and clinical settings. Areas of emphasis include, but are not limited to, survey and specific level assessment and testing, the role of high stakes testing, assessment formats, data interpretation, error and task analysis, and the assessment of environmental and instructional factors.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### SPED 153 - APPLIED BEHAV ANLYS POSITIVE

Students explore the principles and procedures in the field of applied behavior analysis. Observational methods, single-subject designs, and behavior promotion, reduction, and generalization strategies are reviewed. Participants are required to complete an individual project which demonstrates their ability to design, implement, and evaluate behavioral programs in an effective and ethically responsive manner.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### SPED 154 - 1ST AID/HEALTH & SAFET/MOD/SEV

The emphasis of this course is on learning the issues surrounding the health, safety and medical needs of individuals with moderate and severe disabilities. The impact health issues have on student learning and development will be emphasized through class activities and assignments. Overall, the course focuses on supporting people with severe and/or multiple disabilities by promoting opportunities, participation, learning, and support that result in valued life outcomes.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Undergraduate  
Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 155 - PRAC MILD BEH DIS

Students explore the principles and procedures of applied behavior analysis (ABA) and positive behavior supports (PBS). Observational methods, single-subject designs, and behavior promotion, reduction, and generalization strategies are reviewed in relation to the needs of students with disabilities. Participants are required to demonstrate the ability to design, implement, and evaluate behavioral programs in an effective and ethically responsive manner.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Special Education Department

### SPED 166 - STUDENT TEACH SPED ELEMENTARY

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties of the elementary-age student. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with mild and moderate disabilities are included.

3.000 TO 6.000 Credit hours

3.000 TO 6.000 Lecture hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED)

### SPED 168 - STUDENT TEACHING SPED-SECOND

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties of the secondary level student. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with mild and moderate disabilities are included.

2.000 TO 11.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED)

### SPED 172 - SCH, FAM, COMM & DISABILITIES

This course focuses on ways to assist educators to work effectively and respectfully with families in educational and community settings. The course will include a discussion of family structures, composition, styles, and strategies for improving communication with all families, school personnel, and with community service providers. The course will explore loss, grief, and grieving as it relates to parents of children with disabilities. The course will examine the Individuals with Disabilities Education Act (IDEA) and Section 504 as they relate to parent participation. The course will present components of the community based system of care model and other resources.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 174 - CAREER & VOC ASSMT

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Special Education Department

### SPED 175 - CAREER, VOCA & TRANSI PLANNING

This course provides participants with a knowledge base to develop career education programs for children and adults with disabilities. Curriculum, training methods, community resources and supplemental information, instructional tools, and other resources will be reviewed. Participants learn to identify key concepts, objectives, and resources for use in developing elementary and secondary education programs for children and youth with disabilities. (1 credit hour)

1.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 176 - COORDINATE COOP OCC PROG

This course prepares students to implement cooperative education as a method of instruction in vocational education and special education. Primary areas of study include how to implement training agreements and plans, develop liaison relationships with the community, evaluate work sites, provide relevant instructions, involve parents and guardians, counsel students for job applications, and develop a personal plan to transition into work, training, and community living. Federal and state employment laws and other resources to assist in the coordination process will be identified and utilized.

2.000 Credit hours

Levels: Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 220 - INTRO TO SPECIAL EDUCATION

This course orients the learner to the etiology, learning and behavioral characteristics of exceptional children and adults. The history, philosophy, and legal foundations underlying instructional programs and services to accommodate exceptional persons in the schools and community are examined. Techniques appropriate for regular classroom instruction of exceptional children and youth, including individualized instruction, behavior management, and consultative and diagnostic services are described and illustrated. NOTE: This course or its equivalent is a prerequisite to all special education courses.



3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

All Sections for this Course

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED)

### SPED 222 - CHARACTERISTICS MILD/MOD DISAB

This course is an introduction to the strength and needs of students with mild and moderate disabilities in relation to the levels of instructional support required. The focus will be on the developmental, cognitive, language, perceptual, social, academic, and behavioral characteristics of students with mild and moderate disabilities. Etiology, classification, and legal concerns will be discussed as they relate to the learning process.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 223 - METHS & STRATS FOR EXCEP LRNS

This course is designed for special and general educators, and other professionals who have need of knowledge and experience in adapting and accommodating classroom learning environments (socio-emotional, behavioral, and physical) for students with disabilities. Within this course, the following methods for exceptional teaching and learning will be explored: inclusion, transition, co-teaching arrangements, and differentiating instruction in mixed ability classrooms. Individualized Educational Plans (IEPs) and successful integration practices for students into regular classroom environments will also be analyzed for implementation.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED)

### SPED 224 - CURR/METH MOD/SEV INTELL DISAB

This course focuses on strategies for promoting academic success in general education curriculum for students with special needs. The selection and adoption of curricular models and materials in reading/language arts, mathematics, science, and social studies will be studied. The role and types of assistive technology used to augment the learning process will be discussed.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### SPED 225 - INTRO & INTERVEN EMOT/BEH DIS

This course focuses on the history, definitions, characteristics, and etiological backgrounds of children and adolescents with significant emotional and behavioral disabilities. A variety of perspectives will be examined including the students themselves, their families, educators and other individuals and entities providing interventions and services for these youth. Focus will be on the central characteristics of cognitive, social, academic, and behavioral domains, as well as commonalities and contrasts to other disabilities. This course will also include interventions that are school and classroom specific as well as more broad based interventions that involve school personnel as well as other community, family or social service programs and services. Content will also include intervention models within various systems such as mental health, juvenile justice, and positive behavioral supports systems. Current federal legislation and initiatives impacting these populations will also be addressed.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### SPED 226 - EVID BASE INTERV MOD/SEVERE LD

This course focuses on the history, definitions, characteristics and etiological backgrounds of children and adolescents with moderate to severe specific learning disabilities. Students will learn about a variety of research-based universal and selected interventions and strategies that have been demonstrated to decrease the achievement gap for students with moderate to severe learning disabilities across multiple learning environments. Collaborative and consultative roles of teachers of student with learning disabilities will also be explored.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### SPED 227 - PRACTICUM-MILD&MOD DIS K-8

This practicum consists of supervised teaching experiences for students with mild and moderate disabilities. Professional growth and self-assessment of teaching/learning practices are two major goals.

3.000 TO 5.000 Credit hours

Levels: Graduate, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 228 - PRACTCUM-MILD&MOD DIS 5-12

This practicum consists of supervised teaching experiences for students in programs serving students with mild and moderate disabilities. Professional growth and self-assessment of teaching/learning practices are two major goals.

3.000 TO 5.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 229 - PRACTICUM-BEHAV/LEARN K-12

This practicum consists of supervised teaching experiences for students in programs serving students with learning disabilities and/or behavioral disorders. Professional growth and self-assessment of teaching/learning practices are two major goals.

3.000 OR 5.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 230 - INDEPENDENT STUDY

See General Academic Requirements section.

1.000 TO 4.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

### SPED 231 - PRACTICUM-STRAT II (ID K-12)

This course is a study of the basic skills and knowledge of American Sign Language (ASL) in the context of communication systems for students with hearing impairments. Sign vocabulary acquisition and development of expressive and receptive skills are stressed. Educational implications of signing are examined. This class is for students with minimal or no sign skills.

2.000 TO 5.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

### SPED 232 - INTER AMER SIGN LANG

This course is a study of the skills and knowledge of American Sign Language (ASL) at the intermediate level. Sign vocabulary acquisition and development of expressive and receptive skills are stressed. Educational

implications of signing are examined in the context of communication systems for students with hearing impairments. Prereq.: SPED 231 or the equivalent.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 233 - ADVANCED SIGN LANG

This course continues, at an advanced level, the study of sign forms and linguistics of American Sign Language (ASL) in the context of American Deaf Culture (ADC). Primary emphasis will be on developing fluency in discourse skills augmented with additional ASL forms and further use of ASL grammar. Further study of the Deaf Community and its culture is reflected by reviewing classic articles and current literature and its application to ASL.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 234 - INCLUSION ISSUES

The purpose of this course is to examine current issues related to inclusive education. Students will increase their understanding and appreciation of diversity in the classroom. Models and methods which have supported successful community, school, and classroom inclusion will be presented.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 240 - INTRO BEHAV DISORDRS

This course focuses on the characteristics of those students who may be described as behaviorally disordered and the educational implications of such behavioral patterns. Programming options, recent research, and federal and state statutes affecting service delivery are reviewed.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Special Education Department

### SPED 242 - INTRO LRNING DISABIL

This course focuses on the characteristics and etiology of those children and youth diagnosed as learning disabled and the educational implications of learning disabilities. Programming options, recent research, and federal and state statutes affecting service delivery are reviewed.

1.000 TO 3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

### SPED 243 - INTRO MENTAL DISABIL

This course provides an orientation to the history, etiology, prevalence, definitions, identification and education of individuals with mental disabilities of mild to moderate severity. Focus will be on central characteristics of cognitive, perceptual, social, academic, and behavioral domains.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

### SPED 244 - INTRO MILD HANDICAP

An introduction to three areas of high frequency, mild disabilities (mental disabilities, learning disabilities, behavior disorders). Focus will be on commonalities and contrasts in the areas of cognitive, perceptual, social, academic, and behavioral characteristics; multiple and mild handicaps; and instructional programming options. This course consists of a general multicategorical module and concentration area modules (BD, LD, MD,.)

1.000 TO 4.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

### SPED 249 - SPECIAL TOPICS-INTRO

3.000 TO 6.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

### SPED 250 - INSTR ACCOM OF EXEP

This course focuses on the design and delivery of instruction to accommodate the needs of students in special education. Individual educational programs, teaching models, learning strategies, task analysis, data-based instruction and issues related to inclusive education are examined.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 251 - ASSESSMENT/DIAGNOSIS/EVALUATIO

This course is designed for special educator and other professional involved in the diagnosis, assessment, and evaluation of children and adolescents. Course work emphasizes the use of assessment for decision making in school, community, and clinical settings. Areas of emphasis include, but are not limited to, survey and specific level assessment and testing, the role of high stakes testing, assessment formats, data interpretation, error and task analysis, and the assessment of environmental and instructional factors.

3.000 Credit hours  
3.000 Lecture hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### SPED 253 - APPLD BEHAV ANLYS POSITIVE

Students explore the principles and procedures in the field of applied behavior analysis. Observational methods, single-subject designs, and behavior promotion, reduction, and generalization strategies are reviewed. Students are required to complete an individual project which demonstrates their ability to design, implement, and evaluate behavioral programs in an effective and ethically responsive manner.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### SPED 254 - 1ST AID/HEALTH & /SAFE MOD/SEV

The emphasis of this course is on learning the issues surrounding the health, safety and medical needs of individuals with moderate and severe disabilities. The impact health issues have on student learning and development will be emphasized through class activities and assignments. Overall, the course focuses on supporting people with severe and/or multiple disabilities by promoting opportunities, participation, learning, and support that result in valued life outcomes.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### SPED 255 - MICROCOMPUTERS SPED

This course will provide an overview of microcomputers and related technologies that assist people with disabilities at school, work, home, and in the community. Particular emphasis will be placed on the principles and outcomes associated with the effective use of microcomputers for students with mild disabilities. The use of the computer as a tool for preparing, delivering, and evaluating instruction as well as for personal productivity purposes will be included.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 260 - METHODS OF BD, ELEM

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties of elementary age students. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with behavior disorders are included.

1.000 TO 2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 261 - METHODS OF BD, SEC

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties of elementary-age students. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with learning disabilities are included.

1.000 TO 2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 262 - METHODS OF LD, ELEM

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties of elementary-age students. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with learning disabilities are included.

1.000 TO 2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 263 - METHODS OF LD, SEC

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties in the secondary curriculum. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with learning disabilities are included.

1.000 TO 2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 264 - METH TCH MILD DIS EL

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties of the elementary-age student. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with mild disabilities are included.

1.000 TO 2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

#### SPED 265 - MET TCH MILD DIS ADO

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties in the secondary curriculum. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with mild disabilities are included.

1.000 TO 2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed



Special Education Department

### SPED 266 - STUDENT TEACH SPED ELEMENTARY

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties of the elementary-age student. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with mild and moderate disabilities are included. SPED 266 is intended for students in the MST program.

1.000 TO 8.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED)

### SPED 267 - MTH TCH M/M MD-ADOL

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties in the secondary curriculum. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with mild/moderate mental disabilities are included.

1.000 TO 2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Special Education Department

### SPED 268 - STUDENT TEACH SPED SECONDARY

This course provides an overview of strategies to address reading, spoken and written language, and mathematics performance difficulties of the secondary level student. Theory and practice related to the management of instructional, curricular, and behavioral programs for students with mild and moderate disabilities are included. SPED 268 is intended for students in the MAT program.

1.000 TO 8.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

Course Attributes:

Community Engaged Learning, LiveText (ED)

### SPED 272 - SCH, FAM, COMM & DISABILITIES

This course focuses on ways to assist educators to work effectively and respectfully with families in educational and community settings. The course will include a discussion of family structures, composition, styles, and strategies for improving communication with all families, school personnel, and with community service providers. The course will explore loss, grief, and grieving as it relates to parents of children with disabilities. The course will examine the Individuals with Disabilities Education Act (IDEA) and Section 504 as they relate to parent participation. The course will present components of the community based system of care model and other resources.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 274 - CAREER & VOC ASSESS

This course provides participants with an awareness of the various types of student-level assessment instruments and processes in career/vocational education and their use in career decision making, program delivery and planning for transition into work, independent living, and post high school training. Participants learn to describe the purpose and benefits of career-vocational assessment and the use of assessment results in formulating career/vocational and transition goals for use in individualized planning.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 275 - CAREER, VOCAT, & TRANSIT PLANN

This course provides participants with a knowledge base to develop career education programs for children and adults with disabilities. Curriculum, training methods, community resources and supplemental information, instructional tools, and other resources will be reviewed. Participants learn to identify key concepts, objectives, and resources for use in developing elementary and secondary education programs for children and youth with disabilities.

1.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### SPED 276 - COOR OF COOP OPER PROGRAMS

This course prepares students to implement cooperative education as a method of instruction in vocational education and special education. Primary areas of study include how to implement training agreements and plans, develop liaison relationships with the community, evaluate work sites, provide relevant instructions,

involve parents and guardians, counsel students for job applications, and develop a personal plan to transition into work, training, and community living. Federal and state employment laws and other resources to assist in the coordination process will be identified and utilized.

2.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### SPED 278 - CONSULT/INSTR TRNING

This course examines special education concepts and values and applies these to plans for consultation and collaboration within particular settings. Students examine structure and process of service within school settings and determine goals for school or system development. Plans for consultation, collaboration and/or inservice training are developed, using appropriate models, which focus upon student-selected goals.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### SPED 281 - BD PRACTICUM ELEM

Supervised teaching experiences for individuals serving students with behavior disorders at the elementary level.

4.000 Credit hours

3.000 Other hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Special Education Department

#### SPED 282 - BD PRACTICUM SEC

Supervised teaching experiences for individuals serving students with behavior disorders at the secondary level.

4.000 Credit hours

4.000 Other hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Special Education Department

#### SPED 283 - LD PRACTICUM ELEM

Supervised teaching experiences for individuals serving students with learning disabilities at the elementary level.

4.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Special Education Department

SPED 284 - LD PRACTICUM SEC

Supervised teaching experiences for individuals serving students with learning disabilities at the secondary level.

4.000 Credit hours

4.000 Other hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Special Education Department

SPED 285 - MULTCT RES PRAC ELEM

Supervised teaching experiences for individuals serving students with mild disabilities at the elementary level.

4.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Special Education Department

SPED 286 - MULTCT RES PRAC SEC

Supervised teaching experiences for individuals serving students with mild disabilities at the secondary level.

4.000 Credit hours

Levels: Graduate

Schedule Types: Independent Study, Web Instructed

Special Education Department

SPED 287 - MLD/MOD MO PRAC ELEM

Supervised teaching experiences for individuals serving students with mild/moderate mental disabilities at the elementary level.

4.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

Special Education Department

SPED 288 - MLD/MOD MO PRAC SEC

Supervised teaching experiences for individuals serving students with mild/moderate mental disabilities at the secondary level.

4.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

Special Education Department

SPED 289 - MULTI SCIN PRAC ELEM

Supervised teaching experiences for individuals in programs serving students in elementary self-contained classes with integration.

4.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

Special Education Department

SPED 290 - MULTI SCIN PRAC SEC

Supervised teaching experiences for individuals in programs serving students in secondary self-contained classes with integration.

4.000 Credit hours

Levels: Graduate  
Schedule Types: Independent Study, Web Instructed

Special Education Department

STAT 0-- - STAT LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Statistics Department

STAT 040 - INTRODUCTION TO R AND SAS

This course will cover how to access, structure, format, manipulate and archive data using R and SAS. It will include topics in data inputting, merging files, cleaning data, data summary, descriptive statistics, running procedure statements, graphical presentation of data, loops, if/then statements, and creating your own scripts and functions that extend the language. Prereq.: MATH 020 or equivalent college algebra course, knowledge of basic software tools including word processing, email, Internet browsers, and presentation software. Course is for the Data Analytics major or minor, or the Actuarial Science major.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed  
All Sections for this Course

Statistics Department

### STAT 050 - STATISTICS FOR SOCIAL SCIENCES

Descriptive and inferential statistics most often used in social research are examined, with an emphasis on statistics as communication tools; includes development of skills in formula reading, interpreting statistical outcomes and selecting appropriate statistics for analysis of various research questions and data.

3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non Degree Coursework, Undergraduate  
Schedule Types: Lecture, Web Instructed

Statistics Department

Course Attributes:  
Quantitative, SOC Research Design Course

### STAT 060 - STATISTICS FOR THE LIFE SCI

An introduction to statistical methods used in the life sciences. In this course the student will develop the ability (1) to decide which techniques to use to solve particular problems, (2) to use basic statistical tools to address questions, and (3) to explain statistical results to others. At the end of the course the student should understand how to: (1) display and describe distributions, (2) display and examine relationships between variables, (3) design samples and experiments, (4) determine probabilities and use probability distributions, (5) conduct significance tests associated with means and proportions, and (6) significance tests associated with two-way tables, and one-way ANOVA. Prereq.: MATH 020 or equivalent. For life science, health science, and pharmacy majors only.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Statistics Department

Course Attributes:  
Critical Thinking, Quantitative

### STAT 071 - STATISTICS I

An introduction to descriptive and inferential statistics; frequency distributions; measures of central tendency and spread; confidence intervals; large and small sample tests of significance; probability; and binomial and normal distributions. Prereq.: MATH 020 or MATH 028 or equivalent.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Statistics Department

Course Attributes:  
Quantitative

### STAT 072 - STATISTICS II

Continuance of STAT 071 with further tests of significance; analysis of variance; correlation and regression; and contingency table analysis. Prereq.: STAT 071, STAT 130, or ACTS 131, and also IS 044.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Statistics Department

Course Attributes:  
Critical Thinking, Quantitative

### STAT 098 - SPEC TOPICS: INTRODUCTORY STAT

Timely or innovative course in introductory statistics. Not regularly scheduled.

1.000 TO 3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

### STAT 1-- - STAT UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

## Statistics Department

### STAT 108 - STATISTICAL LEARNING

Prediction is often at the heart of issues faced by companies and scientific disciplines alike. This is an applied regression course with an emphasis on prediction, decision making, and modern programming in R. Course will start with simple linear regression and multiple linear regression, covering statistical assumptions and diagnostics. This will set the stage for topics in modern model selection methods aimed at improving prediction such as ridge regression, lasso, and adaptive lasso. In addition, the course will cover regression trees, random forests and classification methods. Cross validation methods will be used for model comparison. Throughout, an emphasis will be placed on communication of the strengths and limitations of the methods.

Prereq.: STAT 071

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

### STAT 130 - PROBABILITY FOR ANALYTICS

An introduction to probability concepts, including definition of probability; independence; conditional probability; random variables; specific discrete and continuous probability distributions; moments; multivariate random variables; functions of random variables; limit theorems; maximum likelihood estimation; hypothesis testing. Prereq.: STAT 040 and MATH 070

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

### STAT 170 - REGRESSION AND TIME SERIES

Regression and time analysis. Specific topics include simple and multiple regression multicollinearity; heteroscedasticity; diagnostics; forecasting with the regression model; binary and multiple-choice models; autocorrelation; random walks; ARIMA models; minimum mean-square-error forecasts and confidence intervals. Prereq.: STAT 040 and one of (STAT 072, STAT 130, ACTS 135 or ACTS 141).

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Course Attributes:

Information Literacy

### STAT 172 - DATA MINING/GEN LINEAR MODLS

Data Mining and Generalized Linear Modeling - The emphasis will be on data analysis, statistical assumptions, and diagnostics. Topics include: Linear Regression, Logistic and Probit Regression, CART, Neural Networks, Association Rules, Clustering, Generalized Linear Models, Models for Continuous Data, Models for Binary Data, Models for Polytomous data, Log-Linear Models, Conditional Likelihoods, and Gamma Regression.

Prereq.: STAT/MATH 130 or ACTS/MATH 131; STAT 040; and MATH 070 and STAT 170.



3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Statistics Department

#### STAT 190 - CASE STUDIES IN DATA ANALYTICS

In this course, students will apply description, predictive, and prescriptive data analysis methods learned in previous cases to new cases. Students will learn to effectively manage long-term data analysis projects within diverse teams through a complete data analytics project lifecycle and compellingly communicate outcomes through writing and oral presentations which include appropriate use of data visualizations. Prereq.: CS 066, STAT/MATH 130 or ACTS/MATH 131, and two of STAT 170, STAT 172, CS 167 or CS 178.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

#### STAT 198 - SPECIAL TOPICS IN STATISTICS

Timely or innovative course in statistics. Not scheduled regularly.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Statistics Department

#### STAT 199 - Independent Study

Individual advanced study and research under faculty supervision.

1.000 TO 5.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Statistics Department

#### STAT 212 - STAT ANALYSIS - MGNR

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Statistics Department

STAT 230 - INDEPENDENT STUDY

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Statistics Department

STAT 240 - STATISTICAL MODELING

This course will focus on the analysis of data for statistical modeling. Statistical methods for analyzing and displaying data will be used as well as concepts related to model assessment and diagnostics. Statistical software R or SAS will be used. Prereq: One of the following - IS 210, MDAL 210, or HSCI 201. Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

STAT 260 - APPLIED ANALYTICS PROJECT

This course will provide students with the opportunity to experience the full life cycle of a data analytics project. Students will collaborate with team members on a full-scale data analytics project to utilize the skills learned throughout their degree program. An emphasis will be placed on data analytics as well as communication skills. Prereq: All core courses - IS 210, IS 220, IS 231, and STAT 240. May be taken concurrently with any core course except IS 210. Consent of the Assistant Dean, Graduate Programs, College of Business and Public Administration.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

STAT 272 - TOOLS FOR CQI ORG

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Statistics Department

STAT 298 - CURR ISSUES IN STATS

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Statistics Department

STAT V-- - Statistics with validation

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

STEM 100 - INTRO TO STEM EDUCATION

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

STEM 110 - INTEGRATED SCIENCE I

This course will help teachers gain greater understanding of physical, earth, and life science concepts necessary for implementation of the Next Generation Science Standards. Specifically, the course will explore: motion and forces, energy, matter, Earth systems, Earth and human activity, Earth's place in the universe, organisms, structure and function, heredity, ecosystems, and diversity of life. NOTE: GRAD STUDENTS WHO WANT TO TAKE THIS COURSE FOR GRADUATE CREDIT SHOULD CONTACT THE INSTRUCTOR.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Life Science, Physical Science

STEM 111 - INTEGRATED SCIENCE II

This course will help teachers gain greater understanding of physical, earth, and life science concepts necessary for implementation of the Next Generation Science Standards. Specifically, this course will explore: laws of physics, theories about matter, waves, our solar system, Earth cycles, Earth and human activity, biotic and abiotic factors in ecosystems, natural selection, genetics, and cell theory.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Life Science, Physical Science

#### STEM 112 - PLACE-BASED INTEGRATED SCIENCE

Through direct observation and investigation of the natural world, this course will use place-based pedagogies to help students gain greater understanding of physical, earth, and life science concepts. Additionally, the course will explore the history of scientific ideas and interactions of science, technology, and society.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Life Science, Physical Science

#### STEM 115 - ALGEBRA&GEOMETRY/ELEM&MID SCH

In this course, teachers will develop their ability to design and implement mathematics instruction specific to algebra and geometry that is both reflective and mathematically significant. In particular, teachers will expand their own content knowledge, learn to elicit and build on children's multiple mathematical knowledge bases, and develop a practice of using high-demand tasks in order to enact Standards-based instruction in algebra and geometry.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 120 - METH OF ENGINE & TECHLOG DESGN

Methods of Engineering and Technological Design will discuss the integration of engineering and technological design into the K-12 curriculum. The course will explore the nature of engineering as well as core design principles. Students will apply teaching models such as problem- and project- based learning to plan lessons around engineering and technological design outcomes. Discussion of these models will focus on how to develop students' understanding of concepts and create lessons through which students apply this knowledge in novel ways and/or to solve problems. Through course activities, students will come to understand the role of scientific and engineering practices, crosscutting concepts, and disciplinary core ideas as put forward in the Next Generation Science Standards.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 125 - MEASUREMENT&STATS/ELEM & MS

The mathematics content of this course is focused on the following three domains: a) measurement: money, time, standard and nonstandard units of linear measurement, unit conversion, planar, and cubic measurement, b) probability: expected outcomes for simple and compound events, randomization, variability, theoretical probability distributions, and experimental probability distributions, and c) statistics: organization and interpretation of categorical and quantitative data through use of charts and graphs, characteristics data distributions, experimental design, and informal inference. An overarching theme of the course is identification and creation of classroom tasks that embody the Common Core mathematical practices with special attention to: reasoning abstractly and quantitatively, modeling with mathematics, and the appropriate use of tools. Students will engage in activities and projects that incorporate K-8 student thinking, simulations of real-world phenomena, and data analysis using technology. In order to ensure that instruction builds upon prior student knowledge, exposes common learning challenges, and results in expected learning outcomes, the sequencing of K-8 mathematics topics coupled with formative assessment will be second theme.

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 130 - INDEPENDENT STUDY

1.000 TO 4.000 Credit hours

Levels: Undergraduate

Schedule Types: Independent Study, Web Instructed

#### STEM 135 - MATHEMATICAL PRACTICES

In this course, pre-service teachers will go beyond introductory mathematics lesson planning and learn how to engage students in the mathematical practices inherent in the Common Core State Standards. In particular, we will focus on how to design and enact instruction that elicits and builds on children's thinking in all content domains as well as how to use curriculum materials, family and community resources, and other supports to help facilitate mathematical practice development in children.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 136 - SECONDARY SCIENCE METHODS

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

#### STEM 145 - EQUITY IN MATH TEACH & LEARN

In this hybrid (face-to-face and online) course, students will examine the ways in which all children regardless of their race, gender, income, sexuality, disability, or any other characteristic can learn and enjoy mathematics. Specifically, students will explore and evaluate dominant views of mathematics, recognize non-dominant ways to engage in mathematics, identify and study equitable strategies for teaching mathematics.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 174 - SCIENCE METHODS&NATURE OF SCI

This course will explore science, technology, and engineering as human activities. We will discuss the values, assumptions, major paradigms, and purposes of these activities to understand similarities and difference among the disciplines. Connections to effective STEM instruction will be made including: inquiry-based learning, integrating STEM disciplines, and teaching the natures of the STEM disciplines. Through course activities, students will come to understand the role of practices, crosscutting concepts, and disciplinary core ideas as put forward in the Next Generation Science Standards.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Critical Thinking, Int Study Humanities/Sciences

#### STEM 199 - SELECTED TOPICS

1.000 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

### STEM 200 - INTRO TO STEM EDUCATION

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### STEM 210 - INTEGRATED SCIENCE I

This course will help teachers gain greater understanding of physical, earth, and life science concepts necessary for implementation of the Next Generation Science Standards. Specifically, the course will explore: motion and forces, energy, matter, Earth systems, Earth and human activity, Earth's place in the universe, organisms, structure and function, heredity, ecosystems, and diversity of life.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### STEM 211 - INTEGRATED SCIENCE II

This course will help teachers gain greater understanding of physical, earth, and life science concepts necessary for implementation of the Next Generation Science Standards. Specifically, this course will explore: laws of physics, theories about matter, waves, our solar system, Earth cycles, Earth and human activity, biotic and abiotic factors in ecosystems, natural selection, genetics, and cell theory.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### STEM 215 - ALGEBRA&GEOMETRY/ELEM&MID SCH

In this course, teachers will develop their ability to design and implement mathematics instruction specific to algebra and geometry that is both reflective and mathematically significant. In particular, teachers will expand their own content knowledge, learn to elicit and build on children's multiple mathematical knowledge bases, and develop a practice of using high-demand tasks in order to enact Standards-based instruction in algebra and geometry.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 220 - METH OF ENGINE & TECHLOG DESGN

Methods of Engineering and Technological Design will discuss the integration of engineering and technological design into the K-12 curriculum. The course will explore the nature of engineering as well as core design principles. Students will apply teaching models such as problem- and project- based learning to plan lessons around engineering and technological design outcomes. Discussion of these models will focus on how to develop students' understanding of concepts and create lessons through which students apply this knowledge in novel ways and/or to solve problems. Through course activities, students will come to understand the role of scientific and engineering practices, crosscutting concepts, and disciplinary core ideas as put forward in the Next Generation Science Standards.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 225 - MEASUREMT&STATS/ELEM & MS

The mathematics content of this course is focused on the following three domains: a) measurement: money, time, standard and nonstandard units of linear measurement, unit conversion, planar and cubic measurement, b) probability: expected outcomes for simple and compound events, randomization, variability, theoretical probability distributions, and experimental probability distributions, and c) statistics: organization and interpretation of categorical and quantitative data through use of charts and graphs, characteristics data distributions, experimental design, and informal inference. An overarching theme of the course is identification and creation of classroom tasks that embody the Common Core mathematical practices with special attention to: reasoning abstractly and quantitatively, modeling with mathematics, and the appropriate use of tools. Students will engage in activities and projects that incorporate K-8 student thinking, simulations of real- world phenomena, and data analysis using technology. In order to ensure that instruction builds upon prior student knowledge, exposes common learning challenges, and results in expected learning outcomes, the sequencing of K-8 mathematics topics couples with formative assessment will be second theme.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 230 - INDEPENDENT STUDY

1.000 TO 5.000 Credit hours

1.000 TO 5.000 Lecture hours



Levels: Graduate

Schedule Types: Independent Study, Web Instructed

### STEM 235 - MATHEMATICAL PRACTICES

In this course, pre-service teachers will go beyond introductory mathematics lesson planning and learn how to engage students in the mathematical practices inherent in the Common Core State Standards. In particular, we will focus on how to design and enact instruction that elicits and builds on children's thinking in all content domains as well as how to use curriculum materials, family and community resources, and other supports to help facilitate mathematical practice development in children.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### STEM 236 - SECONDARY SCIENCE METHODS

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED)

### STEM 237 - 3-D LEARNING IN THE NGSS

Using scientific literacy as a starting point, this course investigates the integration of science/engineering practices, crosscutting concepts, and disciplinary core ideas as outlined in the Next Generation Science Standards (NGSS). After exploring the NGSS, the course will turn toward enacting inclusive strategies to effectively plan, teach, and assess students within the NGSS framework.

3.000 Credit hours

Levels: Graduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### STEM 245 - EQUITY IN MATH TEACH & LEARN

In this hybrid (face-to-face and online) course, students will examine the ways in which all children regardless of their race, gender, income, sexuality, disability, or any other characteristic can learn and enjoy mathematics. Specifically, students will explore and evaluate dominant views of mathematics, recognize non-dominant ways to engage in mathematics, identify and study equitable strategies for teaching mathematics.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 246 - EQUITY IN TEACHING STEM

In this hybrid (face-to-face and online) course, students will examine the ways in which all children of their race, gender, income, sexuality, disability, or any other characteristic can learn and enjoy mathematics. Specifically, students will explore and evaluate dominant views of mathematics, recognize non-dominant ways to engage in mathematics, identify and study equitable strategies for teaching mathematics.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 250 - NATURES OF STEM

This course gives special attention to the history and natures of science, technology, engineering, and mathematics (STEM). The course engages each discipline separately as well as through comparison and contrast across disciplines. We will explore values, assumptions, major paradigms, and purposes of the STEM disciplines. Rationales for inclusion of the natures of STEM, connections to standards documents, and strategies for engaging and assessing K-12 students in the natures of STEM will be further explored.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

#### STEM 260 - MODELS & METHODS OF STEM EDUC

This course focuses on models to help organize effective STEM instruction as well as strategies necessary to enact effective STEM instruction. These models and strategies will prepare teachers to engage their students in more inquiry-based, investigative problem-solving and standards-aligned lessons that require students to engage in critical thinking, productive struggle, and refining their ideas through collaborative knowledge construction.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### STEM 274 - SCIENCE METHODS&NATURE OF SCI

This course will explore science, technology, and engineering as human activities. We will discuss the values, assumptions, major paradigms, and purposes of these activities to understand similarities and difference among the disciplines. Connections to effective STEM instruction will be made including: inquiry-based learning, integrating STEM disciplines, and teaching the natures of the STEM disciplines. Through course activities, students will come to understand the role of practices, crosscutting concepts, and disciplinary core ideas as put forward in the Next Generation Science Standards.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
Int Study Humanities/Sciences

### STEM 289 - STEM MENTORING & COACHING

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Teaching & Learning Department

### STEM 299 - SELECTED TOPICS

1.000 TO 3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

### TD 111 - ORGANIZATIONAL LEARNING

This course introduces students to key concepts in the field of organizational learning, emphasizing its strategic nature within the organization. Topics include leading the learning function; organizational learning and andragogy theories; the ADDIE model (analysis, development, design, implementation, and evaluation) of training and development, and non-traditional learning interventions through coaching, mentoring, and cross-training. Special emphasis will be placed on the first and last components of ADDIE: Needs Analysis and Evaluation.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### TD 112 - LEARNING AND TECHNOLOGY

This course introduces critical assessment, collaboration, and learning technologies. Since technology changes constantly, students also will learn how to continuously identify and gain proficiency in new tools. Ethical and legal considerations related to the use of technology in the workplace also are addressed.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### TD 113 - PERFORMANCE CONSULTING

This course helps students explore the field of human performance improvement. Students will gain critical skills in applied organizational research, learning to identify performance improvement gaps and to propose appropriate interventions. Topics include data collection methods, the HPI model, data analysis, and best practices in internal and external consulting.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### TD 114 - DESIGNING, DEVELOPING, & FACILITATING LEARNING

This course provides an overview of how to design, develop, and facilitate effective learning experiences for adult learners. Design and development topics include writing instructional objectives, selecting appropriate training methods, and designing and developing instructional games and simulations. Facilitation topics include the rationale for selecting various facilitation methods and approaches for engaging learners.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Leadership & Couns Department

#### TESL 101 - INTRO TO TEACH ENGLISH LEARNERS

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

TESL 102 - INTERCULTUR COMMUNIC FOR TEAC

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

TESL 103 - ISSUES & ASSESSMENT OF ESL

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

TESL 104 - STRATS TEACH ENG/LANG LEARNERS

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:

Engaged Citizen, LiveText (ED), Accepted to Teacher Education

TESL 105 - TEACH READING & WRIT TO ELL'S

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

TESL 106 - METHODS OF LINGU DIFF FOR ELLS

3.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

TESL 201 - INTRO TO TEACH ENGL LEARNERS

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

TESL 202 - INTERCULT COMMUNIC FOR TEACH

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

TESL 203 - ISSUES & ASSESSMENT OF ESL

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

TESL 204 - STRATS TEACH ENG/LANG LEARNERS

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED), Accepted to Teacher Education

TESL 205 - TEACH READING & WRIT TO ELL'S

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

### TESL 206 - METHODS OF LINGU DIFF FOR ELLS

3.000 Credit hours

Levels: Graduate  
Schedule Types: Lecture, Web Instructed

Education: Teaching & Learning Department

Course Attributes:  
LiveText (ED)

### TESL 211 - INTRO TO TEACH ENGLISH LEARNER

In the context of the nation's increasingly diverse K-12 classrooms, all teachers must know how to effectively teach language and content to English Learners (ELs) in order to facilitate equitable access to core curriculum. In this introductory course, specific areas of study include factors that influence second language learning, the impact of and strategies to support second language acquisition in lesson planning (focused on sheltered instruction), legal mandates related to ELs, and characteristics of an effective English as a Second Language program. A variety of materials, activities, and resources will be used to facilitate learning of key concepts in each of these areas.

3.000 Credit hours

Levels: Graduate  
Schedule Types: Web Instructed

Education: Teaching & Learning Department

### TESL 212 - INTERCULTUR COMMU FOR TEACHERS

3.000 Credit hours

Levels: Graduate, Non Degree Coursework  
Schedule Types: Web Instructed

Education: Teaching & Learning Department

### TESL 213 - ISSUES&ASSMT OF ENG LANG LRNRS

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Education: Teaching & Learning Department

TESL 214 - STRATS FOR TEACH ENGLISH LEARN

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Education: Teaching & Learning Department

TESL 215 - TEACH READ & WRIT TO ENG LRNRS

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

TESL 216 - METHS OF LINGUIS DIFFERENT ELL

ELS Methods is a required course for the ESL endorsement at Drake University. The course addresses topics essential to the knowledge base of expert ESL teachers. These include the history of language teaching; factors that impact ELs' learning; effective work with paraeducators; standards-based language teaching, assessment, and grading, differentiated according to student English language proficiency level; strategies for teaching students who have experienced trauma; and advocacy on behalf of ELLs. This course includes a practicum in the form of application of strategies. For pre-service teachers, ten practicum hours opposite teacher candidate's certification level (elementary teachers work at the secondary level, secondary teachers work at the elementary level). Practicum experiences will be set up by the Drake School of Education Practicum Coordinator. For in-service teachers, the practicum requires that students work with language learners at the grade level opposite their teacher licensure. The practicum will include opportunities for in-service teachers to engage in such activities as observing high-quality ESL teaching; collaborating with ESOL and content teachers, as well as others in the service of ELs; and trying out differentiation strategies with ELs.

3.000 Credit hours

Levels: Graduate

Schedule Types: Web Instructed

Education: Teaching & Learning Department

Course Attributes:

LiveText (ED)

THEA 0-- - THEA LOWER DIVISION

0.000 TO 10.000 Credit hours



Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Theatre Department

### THEA 003 - TECHNIQUE OF ACTING I

Training of the body, voice, and mind as an acting instrument; acting exercises; scene analysis and performance. Open to theatre majors and minors only.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 004 - TECHNIQUE OF ACTING II

Advanced scene work including character analysis and methods of preparing a role; acting theories. Participation in student-directed scenes is required. Prereq.: THEA 3. For Theatre Majors and minors only or by permission of the instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 005 - READINGS IN THEATRE

A writing/online discussion based format surveying Western dramatic literature from ancient Greece to the present.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Theatre Department

Course Attributes:  
Artistic Experience, Critical Thinking

### THEA 006 - PLAYWRITING I

The writing of scenes and one-act plays. Experimental production of student manuscripts.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

Course Attributes:  
Written Communication

#### THEA 007 - MUSICAL THEATRE PIANO LAB I

Using favorite pieces and a conceptual core, we will gradually introduce music fundamentals, followed by sufficient pages of reinforcement. Students will progress steadily at a comfortable pace. There will be technique exercises, combined with familiar songs to perform.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Theatre Department

#### THEA 008 - MUSICAL THEATRE PIANO LAB II

Students who successfully completed Lab I will have everything they need to continue their study of piano. Lab II will prepare the student to understand the concept of keys while simultaneously developing the technique necessary for scale playing. Major keys of C major, G major, F major; minor keys of A minor, E minor, and D minor; also included are the chromatic scale and 6/8 time.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Theatre Department

#### THEA 010 - MUSIC THEORY ESSENTIALS

To gain a comprehensive knowledge of basic music theory with the goal of having the skills to learn one's own vocal part and how it fits into the orchestration. To understand and feel the meter of music To become aware of and adept at comprehending, sight-singing and playing on piano a melody. To develop an understanding of how sight-singing on numbers can be useful in learning music. To understand rhythms and how to count their vocal line and that of the accompaniment. To be able to incorporate these skills into every-day musical experiences. Musical theatre major or minor

3.000 Credit hours

3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

## THEA 014 - MOVEMENT I

Students will learn movement in relationship to theatre emphasizing skeletal alignment and correct body placement for the purpose of developing efficient, economical movement for the stage. The physical, emotional, and psychological motivations of movement are explored. Stretch and strengthening, relaxation techniques, breath control, clarity of rhythm, dynamica, and design of the body in space and time are studied through the following techniques: all styles of dance, Laban, Alexander, Tai Chi, Yoga, Action Theatre (Ruth Zappora) and Michael Chekhov Technique and an introduction to stage combat. This course is open to Theatre Major and Minors only.

2.000 Credit hours

2.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lab, Web Instructed

Theatre Department

## THEA 015 - MOVEMENT II

Movement II is designed to introduce the actor to building ensemble and creating motivated movement onstage. The result of the work will be to develop efficient, economical movement that is in direct contact with emotional impulses shaped by intellect but not inhibited by it. Through Viewpoints and Contact Improv, we will explore the physical, emotional, and psychological motivations of movement. Intended for Theatre majors/minors only.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Theatre Department

## THEA 018 - MUSICAL THEATRE DANCE STYLES

Students master basic jazz performance skills with an emphasis on spine and alignment while exploring vocabulary, technique, flexibility, control, stamina and endurance as well as choreographic combinations of varying difficulty. Jazz classes are conducted in a variety of levels appropriate to each student's individual skills as assessed by the faculty. Class content includes explorations of position in parallel and turned out, isolations, jazz walks, jazz runs, pas de bourre turns, chaines turns, jazz pirouettes, and other across-the-floor sequences and combinations. Intended for Theatre majors/minors only.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Independent Study, Lecture

Theatre Department

Course Attributes:  
Artistic Experience

### THEA 019 - MIME

The craft of silent dramatic communication. Realistic and "illusory" mime; the handling of imaginary objects, weight, shape, and texture; creation of environment and physical characterization; improvised silent theatre emphasizing physical dexterity, speed, and accuracy. Prereq.: THEA 14.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 020 - VOICE I: VOICE FOR THE STAGE

VOICE I: FOUNDATIONS OF VOICE FOR THE STAGE Active exploration of techniques for developing a physical awareness in the voice as an instrument of expression. Exercises in recognizing habits and beginning to free the voice from physical and psychological tension, such as: alignment, relaxation, breathing, placement, and the production of vibration. Exploration of vocal expression and emotion. Strengthening and making more flexible the muscles of speech.

2.000 Credit hours

2.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Theatre Department

### THEA 021 - VOICE II: ARTICULATION/STAGE

VOICE II: ARTICULATION FOR THE STAGE Continuing to build a strong, healthy voice. An enlightening approach to learning the sounds of Standard American speech for clear articulation. Techniques and practice for increasing vocal strength, range, flexibility and the study of articulation as "sculpting sound." Students become fluent in the use of the International Phonetic Alphabet.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Theatre Department

### THEA 026 - PRIVATE VOICE LESSONS

This course is designed as a private instruction course of vocal music for the stage, including the study and performance of technical aspects and repertoire suitable for solo performance.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

THEA 030 - STAGECRAFT I

A study of the physical stage and methods of scenery construction, rigging, and shifting. The mechanics of stage lighting are explored. Tools, materials, and technique are taught through lectures, demonstrations, and laboratory sessions. Lab is required with six hours of lab time a week throughout the semester.

1.000 TO 4.000 Credit hours  
3.000 Lecture hours  
1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Theatre Department

Course Attributes:  
Artistic Experience

THEA 031 - COSTUMING

Introductory study of costume design and practical construction techniques through demonstrations, projects, and "hands-on" laboratory work. Costume lab is required, to be taken concurrently. Lab covers practical applications of costume construction and design through active participation with departmental productions. Sixty hours of lab time required throughout the semester.

0.000 TO 3.000 Credit hours  
3.000 Lecture hours  
1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed  
All Sections for this Course

Theatre Department

THEA 032 - STAGE MAKEUP

Study of various stage makeup techniques through assigned projects and practical applications. Emphasis is on designing makeup for an audience proximity of 30 feet. Course is generally offered in fall semester only.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Theatre Department

Course Attributes:  
Artistic Experience

### THEA 033 - MECHANICAL DRAFTING

This course introduces the students to the basics of mechanical drafting by hand as it relates to theatrical design and production. Students will learn the fundamental drafting methods for scenic and lighting design as well as scenic engineering and technical production.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Theatre Department

### THEA 050 - TUMBLING FOR THEATRE

An introduction to basic tumbling skills used in stage productions. Prereq.: THEA 14 and THEA 15.

1.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 051 - STAGE COMBAT

Students will become familiar with the theory, history, and practice of theatrical combat including unarmed, quarterstaff and rapier. Students learn how to manipulate the weapons in a safe and effective way, coordinating this into choreography for the stage. This course is open to BFA Acting, Directing, and Musical Theatre majors only. Prereq: THEA 014 and THEA 015.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 055 - ACTING III

For students possessing the talent and ability to continue study of the art of acting; special emphasis given to characterization through study and laboratory practice; scenes from standard and classic plays used. Prereq.: THEA 3 and THEA 4.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Theatre Department

### THEA 056 - JAZZ

Students master basic jazz performance skills with an emphasis on spine and alignment while exploring vocabulary, technique, flexibility, control, stamina and endurance as well as choreographic combinations of varying difficulty. Jazz classes are conducted in a variety of levels appropriate to each student's individual skills as assessed by the faculty. Class content includes explorations of position in parallel and turned out, isolations, jazz walks, jazz runs, pas de bourre turns, chaines turns, jazz pirouettes, and other across-the-floor sequences and combinations. Intended for Theatre majors/minors only.

2.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Theatre Department

### THEA 057 - TAP

In this course students will practice fundamental principles, skills, and vocabulary of beginning and intermediate tap technique. Class will always begin with a proper warm-up, followed by learning new steps and vocabulary with rhythm practice, proceeded by progressions across the floor, and will typically end with a center combination. There is an emphasis placed on spine and alignment while exploring vocabulary, technique, weight transitions, rhythmic acuity, acoustic dynamics and choreographic combinations of varying difficulty. Combinations of steps with and without music will be used to understand rhythm, syncopation, and timing. Tap classes are conducted in a variety of levels appropriate to each student's individual skill as assessed by the faculty. Intended for Theatre majors/minors only.

2.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

## Theatre Department

### THEA 058 - BALLET

This course places an emphasis on spine and alignment while exploring vocabulary, technique and traditional ballet positions, and continuing through choreographic combinations of varying difficulty. By building the proper technical foundation, students will learn to understand the proper body mechanics and anatomical considerations needed for the execution of ballet, as well as other styles of dance. Depending on the level, class content will include explorations of Plier, tendu, degage, battement, por de bras, pirouettes, jetes, fuettes, adage, petite allegro and other combinations. Ballet classes are conducted in a variety of levels appropriate to each student's individual skill as assessed by the faculty. Intended for Theatre majors/minors only.

2.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Theatre Department

### THEA 059 - MODERN DANCE

Principles of improvement in strength, rhythmic acuity, and artistry in the Modern dance genre will be introduced through a developmental procedure of exercises, movement sequences, and movement exploration. This is a pre-professional course; therefore, movement combinations will proceed at an accelerated intensity for this level, and a professional demeanor, which includes self-motivation and responsibility, is expected. Students will demonstrate a basic understanding of musicality (rhythms, meters, and phrasing) within movement combinations given, and should have the ability to physically demonstrate understanding of technical skills and artistic qualities, and to execute them in various spatial planes and pathways with clarity and ownership. Students will recognize, utilize, and apply vocabulary terms given in class. This course will include an introduction to the concepts of head and tail relationship/orientation of body in space in given movement combinations. Students are placed in either a beginners section or an advanced section. Students are required to provide their own proper dance clothes and shoes for this course. This course is open to Musical Theatre majors and minors only.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Theatre Department

### THEA 060 - MUSICAL THEATRE I

Students will gain the necessary skills and techniques to perform and audition for contemporary musical theatre. Students will learn how to act a song, do thorough song and character analysis, correctly identify musical song types and styles, and work on vocal technique. Students will also learn a group number to be performed in a final cabaret performance. By the end of the course, students will have four contemporary solos of contrasting style, ready for performance and audition.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## Theatre Department

### THEA 062 - STAGECRAFT II

Focus on the uses and manipulation of non-lumber construction materials; advanced construction methods and rigging; facility and scenic mechanics. Sound production and special effects are explored. Lab is required. Prereq.: THEA 30. Laboratory work applying the principles taught in stagecraft to class-related projects and elements of the department's productions. Six hours of lab time a week throughout the semester.

0.000 TO 4.000 Credit hours

3.000 Lecture hours

1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate



Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Theatre Department

### THEA 063 - INTRO TO DESIGN FOR THEATRE

An introductory study of scenic and lighting design for the stage. Students study drafting, model making, rendering, and the basics of script analysis. This course is recommended for theatre education students. Prereq.: THEA 30 and THEA 31 and THEA 33, or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 074 - CONTEMPORARY FILM

This web course is an introduction to the social, cultural and aesthetic value of film. An understanding of basic cinematic genre, structure and technique will be explored through readings, film viewing and on-line discussion. Access to a well-stocked video store required.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

Course Attributes:  
Artistic Experience

### THEA 076 - INTRODUCTION TO THE THEATRE

Theory, history, and techniques of theatre. This course is not for theatre arts majors and is designed to increase appreciation of the theatre.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

Course Attributes:  
Artistic Experience

### THEA 077 - THE BUSINESS OF THE ARTS

Artists are taught how to create but not to prepare for the business end of their fields. This course addresses dealing with the business issues of Art. It incorporates self-marketing and career-planning skills. Various

topics to be discussed include importance of resumes, developing contacts and networking, seeking mentors, unions, agents and representation, goal setting, finding appropriate markets for employment post-graduation, entertainment taxes and law. This course is available for all Fine Arts students.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

#### THEA 1-- - THEA UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Theatre Department

#### THEA 100 - ACTING IV

Advanced actor training providing an in-depth and rigorous analysis of Heightened Text, including Ancient Greece and English Renaissance, as well as contemporary authors. Utilizing vocal and physical exercises alongside scene work, this analysis will not exist in a theoretical vacuum, but will be used as the starting place for advanced scene study. This course is open to BFA Acting and Musical Theatre majors only.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

#### THEA 101 - MUSICAL THEATRE II

An advanced course in musical theatre performance. Students continue to develop techniques for preparation and performance of musical theatre material, auditioning, and the synthesis of acting and singing skills. The course will focus on the Golden Age of Musical Theatre (Pre-1960s) with some application to contemporary musical theatre. These skills are demonstrated in a final cabaret performance.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

## THEA 102 - AUDITIONING

Students will gain the skills needed to audition for the professional theatre and unit of on-camera auditioning: preparing audition packages, headshots, resumes, cover letters, postcards, business cards, audition clothing, slates, self-marketing, how to find auditions, cold readings, prepared sides, etc. By the end of the semester, each student will have 5 new monologues and one song that are audition-ready. Students are required to obtain proper audition clothes and shoes for this course. This course is open to junior and senior BFA Acting and Musical Theatre majors only.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

## THEA 103 - DIRECTING I

Study and production of basic units in the modern realistic play; directing theories; the directing of scenes. Prereq.: THEA 3 and THEA 4 or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

## THEA 104 - DIRECTING II

Study and production of extended units in modern realistic plays; introduction to directing of period plays; preparation of a longer piece. Prereq.: THEA 103.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

## THEA 105 - DIALECTS FOR THE STAGE

Continuing to build a strong, healthy voice. Exercises and techniques for learning the means necessary to master common dialects used on stage. Utilizing the International Phonetic Alphabet along with sound substitutions as a powerful tool for dialect acquisition and performance. A holistic approach whereby students not only learn how to acquire dialects, but teach the dialects they learn.

3.000 Credit hours

3.000 Lecture hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Theatre Department

### THEA 106 - MUSICAL THEATRE DANCE STYLES

This is an advanced level dance class intended to prepare performers for a professional career in musical theatre, by exposing them to important musical theatre choreographers and their dance styles. Students will hone and apply techniques to better their musical theatre dancing capabilities. Emphasis will be placed on technique, flexibility, control, stamina and endurance as well as choreographic combinations of varying difficulty. The class will also focus on dance auditioning skills, including mock dance calls. Combinations will proceed at an accelerated intensity for this level, and a professional demeanor is required, which includes self-motivation and responsibility. Intended for Musical Theatre majors/minors only.

2.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

Course Attributes:  
Artistic Experience

### THEA 110 - INTRO INTER MULTIMED

The goal of this course is to introduce students to the potential of interactive multimedia as an instruction/presentation media. Topics include content development, graphics, interactivity, and distribution issues. Class members use a variety of software, including Adobe Premiere, Macromedia's Authorware, Director, and SoundEdit-16 to develop content and interactivity. Projects and exercises are assigned daily to develop the students' abilities to conceptualize the use of interactive materials and to develop a basic knowledge of this sophisticated software. Education majors are especially encouraged to enroll. Limited to ten students.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 114 - CLASSIC AMERICAN FILM

In this course we will look at nine classic Hollywood films from the point of view of the writers who penned the screen plays. The unique perspective of the writer is one that is seldom explored, their work being overshadowed by the promotion of the actors and directors. In-class film-viewing and discussion is required. Purchase of text is necessary, additional reading assignments will be made from web-based sources. Information about film genre and terminology will be reviewed and included in weekly quizzes.

3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Course Attributes:  
Artistic Experience

### THEA 116 - MUSICAL THEATRE III

An advanced course in musical theatre script analysis and scene performance. Students continue to develop techniques for preparation and performance of musical theatre material, and the synthesis of acting, singing, and dancing skills. These skills are demonstrated in a final cabaret performance.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 118 - CREATIVE DRAMATICS FOR CHILDRN

Aimed especially at potential teachers. The uses of drama in the classroom as a developmental activity. Includes units on mime, improvisation, movement and spatial concepts, verbal and non-verbal communication, story-telling and the "illustrated story," and the use of creative drama as a teaching aid in other disciplines. A practical workshop class with regularly performed projects.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 120 - THEATRE HISTORY TO 1660

A survey of the development of the theatre from its ancient origins to the Restoration (c.1660).

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

Course Attributes:  
Artistic Experience, Historical Foundations

### THEA 120T - THEATRE HISTORY IN LONDON

In this course we will look at the history and literature of the theatre from the point of view of the society in which they operated. We will examine how theatre reflects the assumptions of a culture and how theatre artists use their medium to express their belief or disbelief in those systems. Through an immersion in the theatrical culture of London, and the historical sites we will visit (ancient and modern), we will be able to get a full understanding of the role theatre has played and continues to play in our culture and society.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Theatre Department

Course Attributes:  
Artistic Experience, Historical-Breadth, Historical Foundations, Historical Consciousness

#### THEA 121 - THEATRE HIST SINCE 1660

Continuance of THEA 120 from the English Restoration to the modern period. Prereq.: THEA 120.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Theatre Department

Course Attributes:  
Artistic Experience, Historical Foundations, Historical Consciousness

#### THEA 123 - MUSICAL THEATRE HISTORY

A survey of the development of musical theatre as a performing art form in America. In addition, by looking at musical theatre from multiple perspectives-- historical, cultural, political, social, aesthetic-- the class will explore the ways in which musicals both reflect and embody values, tastes and trends in the cultures and eras from which they spring.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Theatre Department

Course Attributes:  
Artistic Experience, Historical Foundations, Historical Consciousness

#### THEA 124 - TECHNICAL THEATRE PRACTICUM

Credit for active participation in the technical area of departmental production(s). Possible assignments include wardrobe, specialty makeup, design assistant, costume shop foreman, light and sound board operations, construction and design assistants, props master and crew, backstage run and fly crews.

1.000 Credit hours

Levels: Undergraduate

Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 126 - PRIVATE VOICE LESSONS

This course is designed as a private instruction course of vocal music for the stage, including the study and performance of technical aspects and repertoire suitable for solo performance.

1.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 130 - DIR INDEP STDY IN THEATRE ARTS

By permission.

0.000 TO 16.000 Credit hours

Levels: Undergraduate

Schedule Types: Independent Study, Web Instructed

Theatre Department

### THEA 131 - SPECIAL TOPICS IN ACTING

A series of advanced acting courses. The material covered to be chosen from Brecht, Shakespeare, Farce, for the camera, Classic Theatre, 17th Century Drama, Musical Theatre, and Experimental Techniques. Prereq.: THEA 3 and THEA 4.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 132 - SPECIAL TOPICS IN ACTING

A series of advanced acting courses. The material covered to be chosen from Brecht, Shakespeare, Farce, for the camera, Classic Theatre, 17th Century Drama, Musical Theatre, and Experimental Techniques .

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 133 - SPECIAL TOPICS IN ACTING

A series of advanced acting courses. The material covered to be chosen from Brecht, Shakespeare, Farce, for the camera, Classic Theatre, 17th Century Drama, Musical Theatre, and Experimental Techniques. Prereq.: THEA 3 and THEA 4.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 134 - SPECIAL TOPICS IN ACTING

A series of advanced acting courses. The material covered to be chosen from Brecht, Shakespeare, Farce, for the camera, Classic Theatre, 17th Century Drama, Musical Theatre, and Experimental Techniques. Prereq.: THEA 3 and THEA 4.

3.000 Credit hours

Levels: Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 135 - SPECIAL TOPICS IN ACTING

A series of advanced acting courses. The material covered to be chosen from Brecht, Shakespeare, Farce, for the camera, Classic Theatre, 17th Century Drama, Musical Theatre, and Experimental Techniques. Prereq.: THEA 3 and THEA 4.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 136 - SPECIAL TOPICS IN ACTING

A series of advanced acting courses. The material covered to be chosen from Brecht, Shakespeare, Farce, for the camera, Classic Theatre, 17th Century Drama, Musical Theatre, and Experimental Techniques. Prereq.: THEA 3 and THEA 4.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department



### THEA 140 - ACTING PRACTICUM

Development of roles within the departmental production program. By permission.

1.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 150 - SOUND FOR THEATRE

This course focuses on the technical equipment and creative conventions of sound design for the theatre. Practical exercises and creative projects involving the mixing of sound effects, music, and sound reinforcement for plays and musicals are the main thrust of the course. Students work with traditional analog sound equipment and tape. An emphasis is placed on learning to create, edit, and mix digital sound on the computer. Prereq.: THEA 31 or consent of instructor.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

Theatre Department

### THEA 160 - STAGE MANAGEMENT

Study of the organization and operation of professional, educational, and community theatres. Required laboratory work as stage managers, assistant stage managers, or crew heads for departmental productions. Prereq.: THEA 31. Course is offered in fall semester only.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 161 - SCENE DESIGN

Theory of design, decoration, and color applied to stage settings. Practice in mechanical drawing, sketching, and building models of original designs for a variety of plays. Prereq.: THEA 63 or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 162 - STAGE LIGHTING

Study of the principles of stage lighting design. Design projects include light plots for proscenium, thrust, and arena stages. Script analysis and practical projects are emphasized. Laboratory work as design assistants, master electrician, and lighting crew is required. Prereq.: THEA 63 or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Theatre Department

#### THEA 163 - CADD FOR THEATRE

This course introduces the student to the basics of computer aided drafting and design. The course emphasizes the use of computer software as a conceptualization, visualization, and drafting tool. Prereq.: THEA 30 or consent of instructor.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

#### THEA 165 - PROJECTS IN THEATRE

Tutored projects in production for the exceptionally qualified student. Admission upon presentation of suitable project outline. Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

#### THEA 170 - PLAYWRIGHTS ACTING COMPANY

This course develops student play writing skills in a workshop environment. Authors meet weekly with actors and directors to refine their work through readings and discussion. A number of scripts are selected by the company, to be directed, rehearsed, and presented for an evening of public performance. Prereq.: Consent of instructor.

1.000 TO 3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

#### THEA 171 - APPLIED MUSIC VOCAL TRAINING

Applied voice lessons concentrating on musical theatre and development of a repertoire. Performance development of musical theatre literature in combination with piano accompaniment. Students are required to jury after each semester. Students must pass a sophomore check point in order to continue singing training past the sophomore year. Students usually recital their junior and senior year. There is an applied art fee for this course as well; students are required to pay their accompanists. This course is open to Musical Theatre majors (8 semesters of lessons) and minors (2 semesters of lessons) only.

1.000 Credit hours  
1.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 181 - ADVANCED COSTUME TECHNOLOGY

An exploration into various advanced costuming techniques and materials not necessarily encountered in previous laboratory experience. To include, but are not limited to: millinery, under structures, fabric dyeing/painting, accessories/costume properties, masks, footwear, and mascot style characters. Course is offered in spring semester only.

3.000 Credit hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 182 - SEMINAR IN ADVANCED DESIGN

Advanced research and projects in one or more of the following areas: scenery, lighting, sound, costumes, makeup, properties, theatre design, and equipment.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 183 - SCENE PAINTING

A study of the tools, media, and techniques of scene painting. This course emphasizes the practical application of scene painting methods through class projects and active participation in the painting of departmental productions. Lab is required. Laboratory work applying the principles and techniques taught in THEA 183, Scene Painting. Time to be arranged.

3.000 Credit hours  
2.000 Lecture hours  
1.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Web Instructed

Theatre Department

### THEA 184 - COSTUME DESIGN

A concentrated study of costume design through project assignments relating to specific periods in Western history. Format includes slide presentations, lectures, discussions, critiques, and concept meetings about specific texts. Prereq.: THEA 30 and THEA 124. Course is offered in spring semester only.

3.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Theatre Department

### THEA 190 - SENIOR CAPSTONE EXPERIENCE

This is a tutored, production related project intended to serve as summary experience for senior theatre majors. Examples of these positions are: a senior recital; directing a main stage production; choreographing a main stage production; an audition package or portfolio presentation; a role in a main stage production; design or technical direction of a main stage production; a research project related to the producing of theatre, etc. Capstones must be completed while the student is an academic senior and must be approved by their advisor and the faculty member of record for the capstone.

1.000 Credit hours

1.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lecture, Web Instructed

Theatre Department

### WGS 0-- - WGS LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Women and Gender Studies Department

### WGS 001 - INTRO WOMEN'S & GENDER STUDIES

This course is designed to familiarize students with women's experiences as well as with the ways in which society shapes notions of gender. The course also provides ways to identify and analyze how a society's notions of gender shape the ways in which a society sees and organizes itself. Class members examine the construction of women's social roles and their personal experiences, discussing points of congruence and dissonance. In this interdisciplinary course, reading and discussion materials are drawn from fields such as

religion, sociology, psychology, political science and literature, among others, so students may examine the views, status and contributions of women. Class sessions consist of a mix of lectures, guest speakers, films and discussion. Frequent writing and revision. Cross-listed with ENG 75/SOC 75.

3.000 Credit hours  
3.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:

Engaged Citizen, Global and Cultural Understand, International & Multicultural, Women's and Gender Studies, Women's Studies Course

### WGS 003 - GLOBAL VILLAGE

On December 24, 1968, astronauts aboard Apollo 8 took the first pictures of the earth from space and human beings saw an awe-inspiring image of the whole earth for the first time. There were no political boundaries visible from space, and this image contributed to a growing consciousness of the connectedness of humankind as well as to a growing sense of the ecological fragility of "Spaceship Earth." In this course, we will study the forces of globalization that are shaping our world and our consciousness. Our purpose will be to develop a fuller understanding of globalization and to analyze the different responses to this phenomenon. We will also strive for a better sense of how globalization affects each of us as individuals. In other words, we will think about how the global is local, how each of us is positioned within economic, political and cultural systems with a global reach. How are we being shaped by this globalizing world? How can we in turn contribute to shaping this world? The course format is discussion. Assignments include frequent short response papers; several longer essays; and a group research project to learn information technology skills. Texts include essays, poetry, photography, video, film, and a novel.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 004 - SPACE MATTERS

Science fiction has only recently been admitted to academia as a genre worth occupying intellectual space and energies. Similarly, the fact that we negotiate our world in gender-specific ways has only been acknowledged in the last couple of decades. In this course we investigate visual and literary texts, discussing why a particular text was created at a particular time, what relevance it may have to various historical contexts, and how it relates to us as men and women, and to the genre as a whole. We will be employing gender as one of the primary filters through which ideas of space and the future are sifted-- both by us in the classroom and by the creators of the movies and novels on our syllabus.

3.000 Credit hours

3.000 Lecture hours

0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Women and Gender Studies Department

### WGS 015 - READING GENDER

This course explores literature from the perspective of the cultural work it performs with regard to constructing or challenging gender identities. The course varies but may examine particular literary traditions (e.g., literature by women of color) or particular critical issues (e.g. (de)constructing masculinity in the writings of women). Crosslisted with ENG 77.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:

Global and Cultural Understand, International & Multicultural

### WGS 016 - READING RACE & ETHNICITY

This course explores literature from the perspective of the cultural work it performs with regard to constructing or challenging racial and ethnic identities, including racialized national, communal and individual identities. The course varies but may examine particular literary traditions (e.g., African American Literature) or particular critical issues (e.g., challenges to the Eurocentric canon).

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 017 - GENDER & CULTURE

This course introduces students to ways of thinking sociologically about gender arrangements in society. It focuses on analysis of the dynamics of gender and power in specific cultural spheres such as media, language, science and technology, or family/kinship arrangements. Students learn conceptual frameworks that enable them to critically examine taken-for-granted beliefs about gender and to develop an awareness of its social construction.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 020 - REPRESENTING CULTURAL DIFFEREN

This course critically examines ideas about cultural difference and images of otherness. Throughout, we will intercept the relationships between "us" and "them." We address this in two ways. On the one hand, we will consider the historical contexts and cultural significance of Western stereotypes of non-Western people and places, while on the other hand, we will explore the significance of these stereotypes for self-understandings and self-images in the West and beyond. Focusing on intersections of race and power, we will analyze popular conceptions and academic constructions of peoples (including African Americans, Asian Americans, Native Americans, and Latinos) and places (such as Africa, the Orient, and the Pacific). Our discussions of these representations will highlight some of the central metaphors and motifs for interpreting indigenous non-Western, and marginalized cultures (primitivism, nostalgia, exoticism). Representations of cultural difference also tell us important things about EuroAmerican culture, thus, we will scrutinize whiteness and its significance as well. In addition to our consideration of dominant images and negative stereotypes, we will review efforts to reimagine cultural difference. We explore these issues and their implications in a series of interconnected cultural domains, including advertising, art, movies, museums, and scholarship. Theories and approaches drawn from anthropology, sociology, history, cultural studies, women's studies, and post-colonial studies inform class discussions and student projects.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 045 - GENRE: WOMEN MAKE MOVIES

0.000 TO 3.000 Credit hours  
0.000 TO 3.000 Lecture hours  
0.000 Lab hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 075 - INTRO WOMEN'S & GENDER STUDIES

This course is designed to familiarize students with women's experiences as well as with the ways in which society shapes notions of gender. The course also provides ways to identify and analyze how a society's notions of gender shape the ways in which a society sees and organizes itself. Class members examine the construction of women's social roles and their personal experiences, discussing points of congruence and dissonance. In this interdisciplinary course, reading and discussion materials are drawn from fields such as religion, sociology, psychology, political science and literature, among others, so students may examine the views, status and contributions of women. Class sessions consist of a mixture of lectures, guest speakers, films

and discussion. Frequent writing and revision. Cross-listed with ENG 075.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lab, Lecture, Web Instructed

All Sections for this Course

Women and Gender Studies Department

Course Attributes:

Engaged Citizen, Women's and Gender Studies

### WGS 088 - READING & WRITING ABOUT CLASS

This course explores contemporary conceptions of socioeconomic class identity, with particular emphasis on the United States context. The course examines theories and practices of representing class. Writing assignments are designed to help students think critically and creatively about the complex phenomena of class structures and class-based identity categories, and about the effects of these structures and categories on everyday life and self-presentation. We will read and discuss texts from a variety of genres: fiction, non-fiction, and theory. Also, we will trace historical changes in American definitions and perceptions of class. Frequent writing and revision.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 090 - READING & WRITING SEXUALITY

This course explores contemporary conceptions of sexual identity with particular emphasis on gay, lesbian, bisexual, transgender and queer identities. The course examines theories and practices of representing sexuality, including conventions for talking about or censoring talk about sex. Writing assignments are designed to help students think critically and creatively about the complex phenomenon of human sexuality. Frequent writing and revision. Crosslisted with ENG 086.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 099 - DEBATING MARRIAGE IN CONTEMP US

This course will explore contemporary debates in the United States over marriage. We will critically engage with two particular streams of political and social dialogue concerning marriage: policies promoting marriage



among welfare recipients as a means of combating poverty, and laws and policies concerning the legalization of gay marriage. Each of these topics on its own provides a rich and controversial political debate over the relationship between individuals, political dialogue, and the larger social structure. When explored alongside each other these political debates make clear the role of the state in legitimizing and reproducing particular forms of family, and the ways that people in different social locations-- or embodying particular social identities-- are situated differently in relation to social power. This course will draw on a broad range of disciplinary perspectives including ethnography, history, sociology, women's studies, and American studies. Students will engage in course work that challenges them to critically explore their own identities in relation to family and the state, as well as the larger political issues being considered.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:  
Women's and Gender Studies

WGS 1-- - WGS UPPER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

Women and Gender Studies Department

WGS 105 - RACE, GENDER & POVERTY

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

WGS 111 - LATINO/A LITERATURE

This course is an introduction to Latino/a literature and film especially to their cultural influences and effects. Readings are studied in context with the history of relations between Latin American/Caribbean countries and the United States, with Anglo-American representations of Hispanics, and with contemporary cultural issues such as bilingualism. Crosslisted with ENG 164.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Graduate, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 112 - AUTOBIOGRAPHY & MEMOIR

Students in this course will focus on two genres of life writing: autobiography (primarily based on verifiable information) and memoir (primarily based on the author's memories). The course will address remembering and capturing the past; vividly describing people and places; incorporating dialogue, emotion, historical context, and humor; and other components of effective life writing. The class will also examine the ethics of life writing. Over the course of the semester, students will explore the strategies discussed in class by writing and revising their own memoirs.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 113 - THEORIES LANGUAGE/DISOURSE

This course is designed to familiarize students with the different ways theorists have studied and defended language and discourse. Theories constructed by philosophers, psychologists, linguists and social theorists are examined, and students become involved in critical analysis of the epistemological assumptions of these theories. Cross-listed as ENG 174.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:  
LPS Public Policy Course

### WGS 114 - RHETORICS OF CLASS

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

## WGS 117 - POSTCOLONIAL LITERATURE

This course is an introduction to literature by writers from nations that were formerly European colonies. Influential texts by European writers about the colonial situation are also studied. The course introduces students to the critical framework and primary debates within the field of postcolonial literature. There are two versions of this course: one centering on the literature of Africa, the other on Asia. Crosslisted with ENG 165.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:

LPS Social & Ethical Course

## WGS 120 - CONTEMP FRENCH WOMEN WRT

Reading fiction and theoretical writings by French men and women, students explore the differences between Anglo-American and French feminist thought and writing, the differing contexts from which they emerge and the ways each text engages the various concerns, debates, practices and theoretical approaches that shape their worlds and our own. In attending to the ways in which gender and sexuality are tied to other culture-specific issues (to questions of race, class, hierarchy and power), students reflect upon the ways that French women's writings undo or restructure traditional categories of thought, and thereby the relations of hierarchy and power they depend upon. Readings include categories of thought, and thereby the relations of Maupassant, Avital Ronel, Drucillad Cornell, Helene Cixous, George Sand, John Stuart Mill, Elizabeth C. Stanton, Andre Gide, Marilyn Frye, Freud, Luce Irigaray, Elizabeth Spellman, Nancy Chodorow, Jessica Benjamin, Judith Buler and Marguerite Duras.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

## WGS 124 - GERMAN FILM

This course covers a wide variety of films spanning the 20th century. Emphasis is put on films from the Weimar period, the New German Cinema, and contemporary German Cinema, i.e. 1919-1933, the 1970s, and the 1980s-1990s. Alongside questions regarding the aesthetics of the films, we will also investigate formations of subjectivity, nationality, gender, sexuality, history, and oppression.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 125 - FRANCOPHONE WOMAN WRITERS

This course is a study of postcolonial Francophone literature written by women, African feminism in relation with French feminism, and criticism and interpretation. The main goal of the course is to explore the ways in which novels by African women reflect social and historical changes in the ways those women define themselves and are defined by others. Through a combination of lectures, group discussions, research and presentations, students define the nature of the voice that claims to be a subject rather than an object; they also are confronted with challenges that face women in the Postcolonial African societies such as gender roles, traditions and modernism, search of the self, and ethnic conflicts in relation with political structures. Possible authors include Mariama Ba, Aminata Sow Fall, Angele Rawiri, Calixthe Beyala, Myriam Wagner Vieyra, Regine Yaou, Robert Cornevin, Richard Bjorson, Maryse Conde and Simone de Beauvoir.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 126 - SALEM WITCH TRIALS

This course is designed to have students perform an intensive critical analysis on one particular moment of cultural history or on the relationship between two such moments. Students investigate the relationship between changes in cultural forms and practices and changes in social, political and economic practices. Specific subjects may include "The Birth of Mass Cultural," "The 1950's: Television Takes on the American Home," "The Salem Witch Trials." May be repeated once for credit when the topic varies.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 130 - INTRO TO EURO WOMEN'S HISTORY

A survey course covering both women's experiences and the shifting definitions of gender in Western and Central Europe and the colonies from 1400 to 1945. Topics include peasant women, the witch hunts, aristocratic women, socialists and feminists. Crosslisted with HIST 99.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:

Historical-Breadth, Historical Foundations, Historical Consciousness

### WGS 132 - WOMEN IN REVOLUTIONARY EUROPE

Women took part in the French Revolution in widespread popular rioting in the 18th and 19th centuries, and in the endemic lesser revolutions that wracked Europe and her colonies repeatedly until 1848. This course focuses on three questions: What were they fighting for? How did they understand their womanhood? How did both their male colleagues and enemies discuss political and sometimes violent participation?

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 133 - SEX/POWER IN PEASANT SOCIETY

An examination of the lives of women and men in European peasant society, from the 14th through 19th centuries, using primary sources as much as possible, and focusing on relations of power both with the village and beyond the villagers' control: landlords, merchants, political change and definitions of gender that became increasingly inappropriate to rural life.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 135 - ADOLESCENT LITERATURE

Selected readings in fiction, poetry and non-fiction written for young adults, with emphasis on contemporary novels. Discussions explore the relationship of the adolescent characters to adults and peers, the rites of passage in each story, and the contrasting narrative viewpoints from which these stories are told. Some attention to teaching this literature to junior high and high school students.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 136 - ADOLESCENCE IN AMERICAN LIT

This course explores how selected short stories and novels represent the adolescent experience in the United States: how the adolescent protagonist is positioned in relation to other groups and the larger culture, the attitude of the implied author toward adolescence, and experiences that comprise "growing." Writing assignments include critical responses and an original short story.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 140 - LIBERATION THEOLOGY

The primary objective of this course is to introduce student to the emerging field of liberation theologies as this discipline is related to contemporary religious, social and political issues. The course gives primary attention to theologians in Latin America and North America. Students explore the relation between theological reflection, social context and the social-political location of theologians. Through a combination of lectures, discussion, readings and research, students are encouraged to both clarify their own personal stances as well as understand perspectives and contexts radically different from their own. Students are encouraged to examine how their own experience influences the way each approaches theological issues.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 142 - NEW VOICES: CHRISTIANITY

The primary objective of this honors seminar is to engage students with contemporary debates about traditional Christian teaching, doctrine and theology, particularly as these are engaged and challenged by the emerging fields of feminist theology and Latin American liberation theology. We will explore the questions of how and why traditional Christian teaching emerged in the history of the Church, what are the primary features of the doctrines that developed, how they have been used to understand and assess the teachings and practices of Christian churches, and whether these formulations are still adequate and relevant in today's context.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 145 - SPECIAL TOPICS

0.000 TO 3.000 Credit hours

0.000 TO 3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lab, Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:  
Women's and Gender Studies

### WGS 146 - MANY WOMEN, MANY LEADERS

This course will provide students a chance to study leadership and qualities of leadership as they pertain to a diverse array of women leaders. We will focus on three specific facets to develop an astute understanding and analysis of women's leadership: leadership theories, historical examples of women's leadership, and a contemporary perspective on what women's leadership roles look like today and the challenges women face in realizing these roles. In all of our work, we will pay close attention to issues of race, class, and privilege, and the different ways these social realities impact the ability of women to lead effectively within society along with the creative ways women respond to them. No pre-requisites required.

3.000 Credit hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:  
Global and Cultural Understand, Women's and Gender Studies

### WGS 150 - WOMEN IN POLITICS

Examination of the role that women play in American politics, the changes in that role over time, and the obstacles yet confronting women who aspire to political careers. Analysis of selected contemporary issues of special importance to women in politics. Prereq: POLS 001 or consent of instructor. Crosslisted with POLS 112

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:  
Engaged Citizen

### WGS 151 - SEXUALITY & SACRED

The primary purpose of this course is to engage students with the emerging debates about the roles of gender and sexuality in Christian theology and ethics using the issue of homosexuality and Christianity. It moves to

discuss the claim that the central ethical and theological issues facing the church today are homophobia and heterosexism, rather than homosexuality. A distinguishing factor of the course is that the majority of the authors of the books and articles self-identify as lesbian, gay, or bisexual theologians and ethicists, voices not typically heard in church debates on these issues. The course also examines topics such as reclaiming the erotic in relationships, common points and tensions between lesbians and gay men, perspectives of queer people of color, and the relationship of gay issues to ecology.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 152 - EARLY AMERICAN WOMEN WRITERS

Students will consider a variety of issues pertaining to American literary and cultural history to 1900. Topics may focus on a particular period or era (colonialism or the Civil War), issues (literature, history, and nationalism), or genre (the novel, the periodical, etc).

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 153 - FEMINISTS ETHICS

The purpose of this course is to continue developing critical thinking skills and gain critical understanding of works in feminist ethics. Emphasis is placed on an understanding of the positions discussed as well as the surrounding issues that may be brought up in the course of discussion. Crosslisted with PHIL 153.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:

LPS Social & Ethical Course

### WGS 160 - PSYCHOLOGY OF GENDER

Studies traditional and contemporary theories and research on the psychology of sex and gender. Explores the relationship of theories and research to social and relational behavior and to educational, economic, institutional therapeutic assumptions and practices. Prereq: PSY 001 and PSY 015. Crosslisted with PSY 137.



3.000 Credit hours  
3.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:  
Community Engaged Learning, Int Study Humanities/Sciences

### WGS 172 - WOMEN/MADNESS/CULTURE

This course explores the relationship between gender and socio-cultural definitions of mental health and illness, and examines the history of the treatment of women within the major settings of the mental health system: psychiatry, psychoanalysis and asylum. The first major goal is to understand the social relations of power within which psychiatry emerged, and within which women became defined as "hysterical," "irrational," or "mad." A second goal is to chart the relationship between women's social roles and the experience and treatment of mental illness, making use of autobiographical and fictional accounts by women, films, and other materials. Prereq: Introduction to Women's Studies (WS 001. SOC 075/ENG 075) or instructor consent. Crosslisted with SOC 137.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 173 - DOCUMENTING LIVES

This theory-intensive course will draw on a broad range of disciplinary perspectives to consider questions concerning how to document, understand, and interpret the life experiences of human beings, primarily in the contemporary United States. We will focus in particular on the documentation of women's lives. Documentary film, popular culture, documentary writing ethnography, feminism, psychology, anthropology, sociology, literature, and memoir will be considered in exploring how to represent the ways that such axes of difference such as race, gender ethnicity, sexuality, class, age, and disability shape individual and group identities. Course material will focus on the ways that society organizes categories of identity and treats people differently based on such categories, as well as how such aspects of identity shape individual conceptions of self.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 174 - FEMINIST THEORIES SUBJECTIVITY

This course is a critical, in-depth examination of contemporary feminist theories of subjectivity. The central concern is for students to gain an understanding of the relationships between sexual difference, subjectivity and social relations of power. Students explore theories that address the psychic and subjectivity roots of relations of gender, power, and domination, as well as the socio-historical dimensions of gender subjectivity. Material and the approach used in the course are interdisciplinary, drawing on sociology, literary criticism, film studies philosophy and psychoanalysis. Prereq: Introduction to Women's and Gender Studies (WGS 001/SOC 075/ENG 075) or instructor consent. Counts toward SOC and ANSO theory-intensive requirements.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 175 - FEMINIST ANTHROPOLOGY

This course introduces the themes and theories central to feminist anthropology. It illustrates the emergence and implications of feminist perspectives for cultural anthropology by examining the distinct ways anthropologists have approached the entanglements of gender, culture and power. It begins by considering the marginalized history of women as both anthropologists and subjects anthro-political analyses. Against this background, it devotes attention to specific problems and strategies, including body, sexuality, the state, kinship relations and economic production. Throughout readings, class discussions, and student projects, course members seek not only to work through the awkward relationship between feminism and anthropology, but also to address the varieties between feminism and anthropology, but also to address the varieties of women's experiences and identities cross-culturally. Prereq: Introductory course in anthropology, sociology, cultural studies or women's studies. Counts toward SOC and ANSO theory-intensive requirements. Crosslisted with SCSA 101.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

#### Course Attributes:

Global and Cultural Understand, International & Multicultural, Women's and Gender Studies, Women's Studies Course

### WGS 176 - GENDER/WORLD POLITICS

A growing number of feminist scholars have challenged the traditional approaches to the study of world politics. According to these scholars, not only do men and women impact international relations in different ways, but issues and events in world politics also have divergent effects on men and women. Moreover, most of these scholars argue that gender, conceived of as socially constructed notions of masculinity and femininity, fundamentally shape world politics. Students examine a variety of topics, including national security and war, human rights, economic development and the participation of women in world politics, through a "gender perspective," and consider the ways in which this perspective is useful in broadening our understanding of

world politics. Prereq: POLS 001 or instructor's consent.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

Course Attributes:

Engaged Citizen

### WGS 177 - GENDER AND VIOLENCE

This course examines gender and violence, including the social construction of the problem, interdisciplinary theoretical explanations, and the social and cultural contexts. This course also explores how media, politics, and popular discourse impact policy for intervention and prevention, and individual understandings of gender and violence. Crosslisted with SCSS 177.

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 178 - EDUCATIONAL EQUITY SOC JUSTICE

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 179 - FEEDING HUNGER WITHIN

3.000 Credit hours

3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate

Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 180 - ADVENTURE RISK THINKING

This course focuses on the background, development, and practice of experiential learning approaches with girls and young women. Developmental, academic, spiritual, and emotional aspects of learning are critical to successful life outcomes for girls, especially for those from abusive, impoverished, and other high-risk situations. Learn how to make a difference in your life and/or the girls with whom you share a relationship. Crosslisted with EDUC 199.

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 181 - WOMEN & HEBREW SCRIPTURE

3.000 Credit hours  
3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

Women and Gender Studies Department

### WGS 191 - INTERNSHIP

Opportunity for practical application of theoretical and research issues in applied work situations, with faculty supervision and evaluation. Prereq: Nine credit hours of completed work in women's studies, written consent of women's studies faculty advisor, and minimum WS grade point average of 3.0.

3.000 Credit hours  
3.000 Other hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

Women and Gender Studies Department

Course Attributes:  
Women's and Gender Studies

### WGS 192 - INDEPENDENT STUDIES

Directed independent study. Prereq: Nine credit hours of completed work in women's studies and written consent of instructor.

1.000 TO 3.000 Credit hours  
1.000 TO 3.000 Lecture hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

## Women and Gender Studies Department

Course Attributes:  
Women's and Gender Studies

### WLC 0-- - WLC LOWER DIVISION

0.000 TO 10.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture

## World Languages and Cultures Department

### WLC 040 - INTRO TO AMERICAN CULTURE

This interdisciplinary course is designed to get students reading, thinking, and discussing the similarities and differences between life in the U.S. and other countries. It offers an overview of American educational, cultural, social, economic, and political systems, using a historical perspective. It also focuses on basic American values and beliefs. Occasional guest lecturers from Drake and the Des Moines community will help ensure that ideas and opinions are up-to-date and varied.

3.000 Credit hours

Levels: Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

## World Languages and Cultures Department

Course Attributes:  
Global and Cultural Understand

### WLC 080 - THE STUDY ABROAD EXPERIENCE I

This course prepares students for their study abroad experience through familiarization with the 10 most important cultural stress factors (cultural differences, ethnocentrism, cultural immersion, cultural isolation, language, prior cultural experience, expectations, visibility and invisibility, status, and power and control; Paige [1993]). Students' examining their own identity and culture is integral to this familiarization process. Students will also examine their own learning styles so as to facilitate their increased competence in language and culture. Finally, students plan ahead for their re-entry into the Drake environment.

1.000 Credit hours  
1.000 Lecture hours

Levels: Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### WLC 081 - THE STUDY ABROAD EXPERIENCE II

This course encourages students studying abroad to interact with members of the culture by requiring them to complete a variety of functions. Completion of each of the functions will be required for passing the course. The students then blog about their experiences and read the blogs of other students studying abroad and taking the course. Pre-req: WLC 080

2.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

### WLC 082 - STUDY ABROAD EXPERIENCE III

Students enrolled in the course engage in interdisciplinary work while examining global/local issues with a holistic approach. Students attend weekly class meetings; prepare, present, and attend end-of-term student presentations on their capstone projects; and write a reflective report relating their internationally-oriented coursework, language courses, study-abroad experiences, capstone project, and related studies to their overall education and personal and career goals.

3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

### WLC 147 - CAPSTONE FOR WLC MINORS

This course is the culmination of the previous work you have completed for your minor. Primarily reflective in nature, the course requires you to compile an electronic portfolio that should include a collection of your best work. The portfolio should provide evidence of developmental progress, and, most importantly, reflective writing that addresses the minor's learning outcomes.

1.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

World Languages and Cultures Department

### WLC 148 - INTERCULTURAL COMMUNICATION

the discipline of intercultural communication deals with human interactions between and among culturally different individuals in the context of the globalizing world as well as U.S. co-cultures. The purpose of this course is to raise students' awareness of "cultural relativity" as an ethical guiding principle, which prompts them to recognize the danger of ethnocentric arrogance and come to respect other cultures. It is also important for students to understand that their usually unconscious absolute dogmatism to view their own culture as superior to others (e.g. "the greatest nation on Earth") will hinder their foreign-language acquisition, because any foreign language they attempt to learn has a unique configuration of denotations and connotations, which is quite different from their own. In short, students must strive to learn how to see "reality" from within the culture of a foreign language rather than from their own. Three major components of the course are intercultural communication theories, foreign language language acquisition, and mass media images.

3.000 Credit hours

Levels: Graduate, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Lecture, Web Instructed

World Languages and Cultures Department

Course Attributes:  
Global and Cultural Understand, International & Multicultural

#### WLC 150 - TOPICS

The topic of this course will vary. Students may take the course more than once if the topic has changed.

0.000 TO 3.000 Credit hours

Levels: Graduate, Law, Non Degree Coursework, Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Lab, Lecture, Web Instructed

World Languages and Cultures Department

#### WLC 170 - INDEPENDENT STUDY

Students enrolled in this course utilize their language skills to pursue an area of interest while working directly with a professor of the language.

0.500 TO 3.000 Credit hours

Levels: Professional Health Care, Undergraduate  
Schedule Types: Independent Study, Web Instructed

#### WS 0-- - WS LOWER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Women's Studies Department

#### WS 1-- - WS UPPER DIVISION

1.000 TO 10.000 Credit hours

Levels: Non-Drake, Professional Health Care, Undergraduate  
Schedule Types: Lecture

Women's Studies Department