Drake University
Undergraduate Catalog (2022-2023)

Published 08.01.22 at catalog.drake.edu

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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 letterwinners, 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 and the launch of the John Dee Bright College in September, 2021, the first new college or school established at Drake in 60 years.

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, John Dee Bright, 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 seven 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
- John Dee Bright College

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 are accredited by the Iowa Department of Education and the Iowa Board of Educational Examiners.
- Law School: Accredited by the Council of American Bar Association's Section of Legal Education and Admission to the Bar and a 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: Accredited by The Accreditation Council on Pharmacy Education.
- School of Journalism and Mass Communication: Accredited by the Accrediting Council on Education in Journalism and Mass Communication.
- Department of Art and Design is accredited by the National Association of Schools of Art and Design.
- Department of Chemistry is accredited by The American Chemical Society.
- Department of Music is accredited by The 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 26 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; 7 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 2022

- May 16 (Mon.)
  Summer term begins
- May 30 (Mon.)
  Memorial Day (university holiday; classes do not meet)
- Jun 20 (Mon.)
  Juneteenth observance (university holiday; classes do not meet)
- Jul 4 (Mon.)
  Independence Day (university holiday; classes do not meet)
- Aug 21 (Sun.)
  Summer term ends

Fall 2022 (Non Law School)

- Aug. 29 (Mon.)
  Fall term begins
- Sept. 5 (Mon.)
  Labor Day (classes do not meet)
- Oct. 19 (Wed.)
  Midpoint of semester
- Nov. 23-25 (Wed.)
  Thanksgiving break (classes do not meet)
- Nov 28 (Mon.)
  Classes resume
- Dec. 9 (Fri.)
  Day free for study
- Dec. 12-16 (Mon.-Fri.)
  Final evaluation period
- Dec. 16 (Fri.)
  Fall term ends
- Dec. 17 (Sat.)
  Commencement

J-Term 2023

- Jan. 3 (Tue.)
  Beginning of J-term
- Jan. 16 (Mon.)
  Martin Luther King, Jr. Day (university holiday; classes do not meet)
- Jan. 20 (Fri.)
  End of J-term

Spring 2023 (Non Law School)

- Jan. 23 (Mon.)
  Spring term begins
- Mar. 10(Fri.)
  Midpoint of semester
- Apr. 26-29 (Wed.-Sat.)
  Drake Relays (Non-Law classes suspended for Drake Relays at 1:50pm on Fri, Apr 28)
- May. 1 (Mon.)
  Non-Law classes resume
- May 5 (Fri.)
  Day free for study
- May 8-12 (Mon.-Fri.)
  Final evaluation period
- May 12 (Fri.)
  Spring term ends
- May 13 (Sat)
  Commencement

Undergraduate Admission

Campus Visits

Prospective students are invited to explore the educational opportunities at Drake University by scheduling a campus visit. During a weekday individual campus visit, students can meet with an admission counselor and tour the campus with a Drake student. Faculty appointments and additional meetings may also be requested when scheduling a campus visit no later than one week prior to the preferred date of the visit.

In addition to individual visits, students are welcome to attend one of Drake's group visit programs which are designed to showcase the academic and extracurricular experience at Drake through interactions with Drake faculty, staff and students. 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. https://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. https://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 either an essay or an interview with a member of the Office of Admission team.

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
    - Drake University Application
        - The Common Application, including the Common Application Member Questions specific to Drake University
2. Transcripts
    - Official high school transcript
    - Official transcripts from all colleges attended (if applicable)
3. Standardized scores or test-flexible interview
4. Letter of recommendation – strongly encouraged but not required
5. Audition – required for music or theatre students

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 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, 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 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 (CGPA) 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 CGPA 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 electronically to admission@drake.edu or by mail to Drake University Office of Admission 2507 University Ave Des Moines IA 50311. 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 transfer students

- 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

Application Requirements

All transfer students applying to undergraduate programs must submit an online application and official transcripts. Students who have earned less than 24 semester hours of college credit at the point of application their high school transcript.

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, 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 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. Send directly to Drake's Office of Admission electronically to admission@drake.edu or by mail to Drake University Office of Admission 2507 University Ave Des Moines IA 50311.
3. Applicants who have earned fewer than 24 semester hours of college credit at the point of application also must submit an official copy of final high school transcript or high school equivalency certificate
4. Personal essay is optional
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 students who have met the criteria outlined below will enter Drake University having fulfilled the Drake Curriculum general education requirements (Areas of Inquiry), 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.

Criteria

- Minimum 60 semester credits acceptable for transfer.
- Minimum 2.00 cumulative grade point average in transfer coursework.
- One of the following degrees from a regionally accredited institution:
    - Associate of Arts (A.A.) degree from a community college in Iowa, Illinois, Minnesota, or Missouri.
    - Associate of Science (A.S.) degree from a community college in Iowa.
    - Bachelor's degree from any regionally accredited institution.

Students are required to submit a final transcript with proof of their degree prior to 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 do not meet the criteria above will have their credits evaluated on a course-by-course basis.

See https://www.drake.edu/registrar/transfercreditinformation/ 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

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

Admitted students who have met the criteria outlined below will enter Drake University having fulfilled the Drake Curriculum general education requirements (Areas of Inquiry), 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.

Criteria

- Minimum 60 semester credits acceptable for transfer.
- Minimum 2.00 cumulative grade point average in transfer coursework.
- One of the following degrees from a regionally accredited institution:
    - Associate of Arts (A.A.) degree from a community college in Iowa, Illinois, Minnesota, or Missouri.
    - Associate of Science (A.S.) degree from a community college in Iowa.
    - Bachelor's degree from any regionally accredited institution.

Students are required to submit a final transcript with proof of their degree prior to 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 do not meet the criteria above will have their credits evaluated on a course-by-course basis.

See https://www.drake.edu/registrar/transfercreditinformation/ 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 a Drake residence hall during any period of University enrollment within two years following high school graduation. Exceptions include individuals who are married or live within a 45-mile radius of Drake University with their parent(s)/legal guardian and have completed the Commuter Application, and received, written approval from the Office of Residence Life to live off campus as a commuter student. https://www.drake.edu/residencelife/informationfornewfirstyeartransferstudents/

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 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 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 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 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.

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.

Tuition and Fees
2022-2023 Summary of Tuition

Program	Rate	Per
Undergraduate Programs		

Program	Rate	Per
Full-time (12-18 credits per semester)		
For students who enter the 2022-2023 academic year	$23,782	Per Semester
For students who enter the 2021-2022 academic year	$22,867	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	$20,933	Per semester
Part-time (less than 12 credits per semester)		
Day or evening courses	$1,271	Per credit hour
Summer	$745	Per credit hour
Bachelor of Journalism and Mass Communication online	$650	Per credit hour
J-Term	$1,271	Per credit hour
Graduate and Professional Programs		
Online Graduate Programs		
Compliance and Risk Management	$867	Per credit hour
Master of Arts in Communication	$663	Per credit hour
Master of Business Administration	$718	Per credit hour
Master of Public Administration	$714	Per credit hour
Master of Data Analytics	$714	Per credit hour
Master of Science in Business Analytics	$714	Per credit hour
Business Analytics Certificate	$714	Per credit hour
Master of Science in Education	$510	Per credit hour
Master of Science in Health Informatics and Analytics	$700	Per credit hour
Evidence Based Health Care Certifcate	$700	Per credit hour
Master of Science in Clinical Psychopharmacology	$600	Per credit hour
Psychopharmacotherapy Certificate	$600	Per credit hour
Residential Graduate Programs		
College of Arts and Sciences		
Master of Science in Applied Behavior Analysis	$515	Per credit hour
Applied Behavior Analysis Certificate	$515	Per credit hour
College of Business and Public Administration		
Master of Accounting	$714	Per credit hour
Master of Business Administration	$718	Per credit hour
Master of Public Administration	$714	Per credit hour
Master of Public Administration 2019-2020 Cohort and prior	$632	Per credit hour
Cybersecurity Management Certificate	$718	Per credit hour
School of Education		
All graduate programs except Master of Science in Counseling	$510	Per credit hour
Master of Science in Counseling	$525	Per credit hour

Program	Rate	Per
Doctoral Programs (Ed.D and Ph.D.)	$540	Per credit hour
School of Law		
Juris Doctor		
Full-time (10-18 credits per semester)	$22,900	Per semester
Part-time (less than 10 credits per semester)	$1,579	Per credit hour
Master of Laws		
Full-time (10-18 credits per semester)	$22,900	Per semester
Part-time (less than 10 credits per semester)	$1,579	Per credit hour
Master of Jurisprudence	$863	Per credit hour
Study in France	$7,500	Per semester
Pharmacy and Health Sciences		
Pharmacy		
Full-time (12-18 credits per semester)		
Students in P1-P3 years	$22,041	Per semester
Students in P4 year	$24,791	Per semester
Part-time (less than 12 credits per semester)	$950	Per credit hour
Occupational Therapy		
Full-time (12-18 credits per semester)	$20,452	Per semester
Summer		
Students in O1-O3 years	$20,452	Per semester
Part-time (less than 12 credits per semester)	$914	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	$577	Per course
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

2022-2023 Summary of Fees

Fee	Rate	Per
Student Activity Fee		

Fee	Rate	Per
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
Part-time	$80	Per semester
Summer	$60	Per semester
Application Fee		
New Student Fee	$85	Per semester
Occupational Therapy	$70	
Student Bar Association Fee (Law School)	$25	
Health Science Fee	$50	
International Pharmacy Rotation	$550	Per semester
Music Fees (selected courses)		
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	
Study Abroad		
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	1.5% of bill, monthly	
Transcript Fee	$10	

2022-2023 Summary of Room Fees

Room Fee	Rate	Per
Fall and Spring		
Double, triple, or quad room	$3,157	Per semester
Single room	$4,657	Per semester
Double-as-single room	$5,029	Per semester

Room Fee	Rate	Per
Summer		
Double	$31	Per day
Single	$48	Per day
J-Term Room and Board	$59	Per day

2022-2023 Summary of Meal Plans

Plan	Rate	Per
Residential Plans		
Unlimited + 100 flex dollars + 6 guest passes	$2,628	Per semester
Unlimited + 300 flex dollars + 6 guest passes	$2,816	Per semester
175 block plan + 650 flex dollars	$2,628	Per semester
205 block blan + 525 flex dollars	$2,628	Per semester
Commuter Plans		
40 meal plan + 300 flex dollars	$567	Per semester
75 meal plan + 300 flex dollars	$708	Per semester
125 meal plan + 200 flex dollars	$820	Per semester
All flex (250 flex dollars + 10 guest/bonus meals)	$253	Per semester

Payment Options

One or more payment options are available to students with account balances not covered by pending financial aid, depending on circumstances, including payment in full, payment plans, tuition rebate, and employer deferment. Information regarding payment options can found here.

Financial Aid

The Financial Aid Office 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/finaid* for more information about financial aid awards, policies and procedures.

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

Information about scholarships offered to bachelor's degree-seeking students entering Drake directly from high school is available here.

Information about scholarships offered to bachelor's degree-seeking transfer students is available here.

Information about scholarships and financial aid for students in Bright College is available here.

More information about scholarships and awards offered by Drake University is available here.

Grants

Grants are generally need-based awards, and students must complete a FAFSA for the appropriate award year to be considered. Grants will be included on the financial aid award notification for any eligible student. More information about the grants available at Drake is available here.

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 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 to aid your scholarship search, click here. 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.

Loan Programs

Loans must be repaid, usually after a grace period that begins when a student ceases to be enrolled on at least a half-time basis.

Drake University participates in federal student loan programs, and also works with any private lender of a student's choosing. More information about the loan programs available at Drake is available here.

Loans will not be processed for students until all required steps have been completed. Detailed instructions to complete all required loan steps can be found here. Drake University staff will adhere to Drake's Code of Conduct for Education Loans.

Student Employment

Drake's work-study program provides part-time employment for students. More information about work-study at Drake is available here.

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 and access the Student Services Tab to submit the online application. Payment of the $35 application fee and the current-term technology fee is required before the application can be processed. Questions regarding the deferment can be directed to the Office of Student Accounts, 515-271-2011, #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). Financial aid awards for eligible part-time students may include:

- Iowa Tuition Grants (July 1 FAFSA filing deadline)
- Federal Pell Grant
- Federal Direct Stafford and Federal Direct Parent PLUS Loans

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 loan programs require at least half-time enrollment (6 credits). For more information, contact the Financial Aid Office.

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*
- Financial Aid Office - *drake.edu/finaid*

Veterans' Benefits

Drake University's programs of study (undergraduate, graduate, pharmacy and law) are approved for the enrollment of veterans, reservists, and other students eligible for GI Bill benefits or VA benefits.

Drake University is a Home Base Iowa **Certified Higher Academic Military Partner (CHAMPs)** campus. This membership serves as recognition of Drake's dedication to providing veterans with assistance transitioning to higher education, access to on-campus support resources, and scholarships or other veterans benefits for

student-veterans and their families. Drake is also a designated Military Friendly School and participant in the Yellow Ribbon Program.

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.

Programs

A variety of programs are available for veterans' educational benefits. To learn about eligibility for these benefits please visit www.gibill.va.gov or contact the Veterans Administration Regional Office, P.O. Box 66830, St. Louis, MO, 63166-6830 (1-888-442-4551). Prospective military students have multiple web-based tools to help make decisions regarding higher education institution selection.

Visit the Veterans' Affairs page for the most current information, available benefits, and relevant procedures.

Contact

Students who intend to receive VA education benefits should contact the Veterans' Affairs Advisor and School Certifying Official.

Office of the Registrar

Carnegie 101, Drake University
2507 University Ave
Des Moines, IA 50311-4516

Phone: (515) 271-2025
Email: veterans.benefits@drake.edu

Veterans' Affairs website https://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.

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

Cocurricular Activities

Drake students may choose from a wide range of cocurricular 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 (http://www.drake.edu/studentlife/handbook-resources/handbook/) or by inquiring at the Student Life Center located in the Olmsted Center.

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.

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 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 (http://www.drake.edu/studentlife/handbook-resources/handbook/).

Student Services

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 or contact them at studentservices@drake.edu. You can also visit the office in the Olmsted Center or call at 515-271-2000.

Student Services Center web site https://www.drake.edu/studentservices/

Cowles Library

Cowles Library is the main library of Drake University and the largest private college academic library in Iowa. 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 offer specialized courses which focus on effective research, information literacy and critical thinking skills.

Cowles Library houses more than 300,000 books, government documents, and scholarly journals. Students can also access an extensive collection of online resources, including an ever-expanding collection of more than 500,000 eBooks and more than 250 databases covering the entire range of 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 (SuperSearch) that accesses dozens of databases in a single search.

In addition to providing materials in our own collections, Cowles Library partners with libraries around the globe to expand access to scholarly materials at no additional cost to students. Students can directly lend books from libraries across Iowa through FastTRAC, and they can request books and journal articles through the library's interlibrary loan service.

Students can obtain assistance in person, chat, or text message through our popular "Ask a Librarian" service. 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.

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 portion of the Library is open for study when the Library itself is closed. 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, the Speaking Center, and with Academic Achievement 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 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/

Information Technology Services

Drake Information 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. Students use their Drake email address to log into campus systems as well as their official means of communication.

Technology Support

Online technology resources and issue reporting are available via the IT Service Portal at service.drake.edu/its, 24 hours a day, 7 days a week.

Additionally, 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).

Learn more about the resources ITS provides including computer recommendations and other information to help new students get started at Drake at the Information Technology Services web site https://drake.teamdynamix.com/TDClient/2025/Portal/KB/?CategoryID=22664

Access and Success

Students looking for ways to enhance their academic success (improving reading comprehension, studying efficiently and time management) are encouraged to contact the Access and Success Coordinators. 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.

Access and Success https://www.drake.edu/access-success/

Professional and Career Development Services

Drake's Professional and Career Development Services, (PCDS), 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. The focus on Drake True Blue Skills will help you learn to tell you story effectively to potential employers and graduate programs. 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

PCDS 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. Career coaching is available to explore the careers that are possible within your intended major.

Internship and Career Fairs

PCDS 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, accounting/finance and diverse candidates.

Job Search Strategies

PCDS will provide the following services to you at any point in your academic career:

Networking Guidance
Handshake (Drake's online job posting board)
Internship and Shadowing Contacts
Resume/Cover Letter Development
Mock Interviews
True Blue Skills Development
Salary Negotiation

Graduate/Professional School

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

Professional and Career Development Services web site https://www.drake.edu/career/

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 https://www.drake.edu/access-success/

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 https://www.drake.edu/global/

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 web site. www.drake.edu/dc

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 web site. www.drake.edu/dc

- Artistic Experience - *renamed "Artistic Literacy" as of the spring 2021 semester*
- 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 web site.

Equity and Inclusion Requirement

All students are required to take a course that achieves stated Equity and Inclusion learning outcomes. They can fulfill this by taking an existing AOI course that meets these outcomes, or through a course in their major, minor, or concentration that meets them.

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 web site.
https://www.drake.edu/honors/

Senior Capstone Experiences

Each bachelor's degree-seeking 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.

Blueprint for Success

In addition to the Drake Curriculum requirements outlined above, all students entering directly from high school or transferring fewer than 30 credit hours are required to complete INTD 025: Blueprint for Success during their first year of enrollment.

Blueprint for Success is a one-credit hour course that helps students explore concepts and develop skills that are crucial for development of meaningful personal lives, professional accomplishments, and responsible global citizenship.

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

Requirement	Credits
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
Total	**29**

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 https://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 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.

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 http://www.drake.edu/cgc/

The Washington Semester

12-15 credits

An intensive semester-long experience in Washington, D.C. with American University's Washington Semester Program. 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. https://www.american.edu/spexs/washingtonsemester/index.cfm

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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). 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.

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/.

Pre-Engineering 3+2 Pathway with Washington University

PROGRAM OVERVIEW

This is a dual-degree program where students earn a bachelor's degree at Drake and an engineering degree at Washington University in St. Louis, MO within 5 years. Students take all the general education courses at Drake University as well as three years of courses in the major of their choice 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. Students will transfer back courses from Washington University to complete their Drake University degree. With advisor approval, some of the courses from Washington University could count towards their Drake University degree. At the end they acquire two degrees, one from Drake University and one in Engineering from Drake University. Undergraduate engineering fields at Washington University include biomedical, chemical, computer, electrical, environmental, mechanical, and systems science.

A Master's degree option is also available through Washington University, with even further specializations. At least one extra year will be required at Washington University to complete an additional Master's degree.

Students can opt to stay at Drake for three or four years, and opt to stay at Washington for two years for the undergraduate degree, or three for the Master's degree in Engineering. Academic plans are individualized based on a student's major at Drake and the engineering path at Washington University, in consultation with the college offices and student's academic advisors. Students who wish to have financial aid at both institutions will have to earn both degrees simultaneously, so the awarding of the Drake degree will not occur until the Washington University degree is completed. All Drake Curriculum requirements (First Year Seminar, Blueprints for Success, Areas of Inquiry/Honors, Diversity, Equity and Inclusion designated course, Capstone, and Upper Level Hours- at least 40 credits of courses numbered 100 and above-) must be completed before transferring to Washington University.

Admissions to Washington University is based on a cumulative 3.25 GPA and a science/math 3.25 GPA, earning at least 90 hours, and completing the core requirements below. Certain engineering programs have additional requirements to be admitted to the program. For more admissions information for Washington University, and more information about the Washington University program, please go to their website: Dual Degree Program | McKelvey School of Engineering at Washington University in St. Louis (wustl.edu)
https://engineering.wustl.edu/academics/dual-degree-program/index.html

REQUIRED COURSES

During the first three years, 3+2 pre-engineering participants must take the following basic science core courses, then optional secondary courses based on engineering interests.

Course	Credits
Basic Science Core	
MATH 050 – Calculus I	3
MATH 070 – Calculus II	3
MATH 080 – Linear Algebra	3
MATH 100 – Calculus III	3
MATH 110 – Variable Calculus	3
MATH 120 – Differential Equations I	3
MATH 121 – Differential Equations II	3
CHEM 001 – General Chemistry I	3
CHEM 003 – General Chemistry I Lab	1
CS 065 – Intro to Computer Science I	3
PHY 001 – Intro to Physics I	4
PHY 002 – Intro to Physics II	4
Complete all requirements for a major	Varies
Complete all Drake Curriculum requirements (AOIs, Honors, Blueprints for Success, Capstone, upper level credits, etc.)	Varies
Electives at the undergraduate level	Varies
Biomedical Engineering additional requirements	
BIO 012: General/Pre-professional Biology I	3
BIO 012L: General/Pre-professional Biology I Lab	1
CHEM 002: General Chemistry II	3
CHEM 004: General Chemistry II Lab	1
*Chemical Engineering additional requirements**	
BIO 012: General/Pre-professional Biology I	3
BIO 012L: General/Pre-professional Biology I Lab	1
CHEM 002: General Chemistry II	3
CHEM 004: General Chemistry II Lab	1
CHEM 097: Organic Chemistry I	3
CHEM 098: Organic Chemistry I Lab	1
CHEM 107: Organic Chemistry II (reccomended)	3
CHEM 108: Organic Chemistry II Lab (reccomended)	1
Environmental Engineering additional requirements	
BIO 012: General/Pre-professional Biology I	3
BIO 012L: General/Pre-professional Biology I Lab	1
CHEM 002: General Chemistry II	3
CHEM 004: General Chemistry II Lab	1
CHEM 097: Organic Chemistry I	3

CHEM 098: Organic Chemistry I Lab	1
*Mechanical and Electrical Engineering recommended courses***	
PHY 050: Modern Physics	4
PHY 059: Advanced Lab I	2
PHY 121: Theoretical Mechanics	4
PHY 122: Electromagnetic Theory	4
PHY 133 (with lab): Electronics	4
PHY 149: Advanced Lab II	2

Students may transfer courses from Washington University towards their Drake University majors based on advisor approval. Students must complete their capstone before transferring to Washington University

The requirements above are the ***bare minimum*** requirements to be accepted to the program. Students should allow flexibility for courses that can supplement their foundational knowledge in the engineering programs of their choice before transferring to Washington University. Since this is an accelerated program, students will need to be particularly proactive in degree planning with their advisors in order to meet Drake University degree requirements, Washington University pre-requisites, and foundational classes that will help support career interests.

*Students pursuing the Chemical Engineering pathway are highly recommended to be a Chemistry major.

**Students pursuing the Mechanical and Electrical Engineering pathway are highly recommended to be a physics major.

Continuing Education and Professional Development

Continuing Education and Professional Development, located in the School of Education, offers PreK-12 educators the opportunity to earn Drake University graduate credit through online, blended, face-to-face, and video correspondence courses. Students may use credit from these courses towards license renewal, salary advancement, or 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 http://www.drake.edu/cepd/distance/**
- **Coaching and P.E. Courses http://www.drake.edu/cepd/coachingpecourses/**
- **Iowa Area Education Agency Courses 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 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. Drake was granted continuing accreditation in 2018.

Phone: 312-263-0456

Statement of Accreditation Status
https://www.hlcommission.org/component/directory/?Itemid=&Action=ShowBasic&instid=1230

Contact Information

Drake University School of Education
Continuing Education & Professional Development
2507 University Ave.
Collier-Scripps 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 a bachelor's degree must successfully complete a minimum of 120 credit hours of coursework. The six-year Doctor of Pharmacy Program (Pharm.D.) of the College of Pharmacy and Health Sciences requires 211 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), 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 bachelor's 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 120 credit-hour minimum.

Students may earn a second major outside their college or school. More than 120 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 bachelor's 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 websites. 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 bachelor's degree 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

Students earning two or more bachelor's degrees concurrently need to successfully complete the requirements for each degree and major. The total credit minimum is 120 (excluding Doctor of Pharmacy degree).

Drake graduates who return for an additional undergraduate degree must apply for a different bachelor's degree and complete the requirements for the second major and degree; this student does not need to complete the Drake Curriculum First Year Seminar or Area of Inquiry general education requirements and has no minimum number of credits required.

Non-Drake students who have completed a previous undergraduate degree at a regionally accredited university may apply for an additional bachelor's degree. Students returning for an additional undergraduate degree must complete requirements for the second major and degree; this student does not need to complete the Drake Curriculum First Year Seminar or Area of Inquiry general education requirements. A minimum of 30 credits is required for the non-Drake graduate who applies for an additional undergraduate degree.

Commencement

Drake University has holds 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.

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, Occupational Therapy, and Master in Athletic Training students cannot graduate prior to the established graduation date in May.

Honors at Graduation

Bachelor's, pharmacy, and occupational therapy degree-seeking 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 hours at Drake University and John Dee Bright College students who have earned all 61 required JBC credits at Drake 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.

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.

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 (ie. documented illness, religious observance, sports event, etc.) on the day established.

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

Commencement Program Eligibility
December Commencement Program

Names to be included in the December Commencement program are students who are expected December graduates or students 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 web site.

May Commencement Program

Names to be included in the May Commencement program are students who are expected May or August graduates 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 web site.

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 (181 hours for Pharmacy).
    - A minimum of 30 hours must be completed at Drake.
    - The last 30 credits must be taken at Drake or a waiver must be approved by Drake college or school

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, 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 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 History	4	3	ART 075
Biology	4	8	BIO 001, 001L, BIO Elective
Calculus AB*	4	6	MATH 050, MATH 070
Calculus AB subgrade	4	6	MATH 050, MATH 070
Calculus BC*	4	8	MATH 050, MATH 070, MATH Elective
Capstone Research	4	3	General Elective
Capstone Seminar	4	3	General Elective
Chemistry****	4	8	CHEM 001, CHEM 002, CHEM 003, CHEM 004
Chinese Lang & Culture	4	6	CHIN 001, CHIN 002
Computer Science A	4	3	CS 065

Computer Science Principles	4	3	CS 010
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
Government & Politics Comparative	4	4	POLS 065
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
Music Theory	4	4	Evaluated on an individual basis
Physics 1	4	4	PHY 011
Physics 2	4	4	PHY 012
Physics B	4	8	PHY 011, PHY 012
Physics C: Electricity & Magnetism	4	4	PHY 002
Physics C: Mechanics	4	4	PHY 001
Psychology	4	4	PSY 001
Spanish Language	4	6	SPAN 001, SPAN 002
Spanish Literature***	4	9	SPAN 001, SPAN 002, SPAN 051
Statistics	4	3	STAT 071
Drawing	4	3	ART Elective
Studio Art: 2-D Design	4	3	ART 013
Studio Art: 3-D Design	4	3	ART 014
U.S. Government & Politics	4	3	POLS 001
U.S. History	4	6	HIST 075, HIST 076
World History	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.

ENG Elective

IB COURSEWORK	REQUIRED SCORE	CREDITS EARNED	DRAKE EQUIVALENT
Arabic Language (A1) *Higher Level*	5	9	ARAB 001, ARAB 002, ARAB 051
Arabic Language (A1) *Standard Level*	5	6	ARAB 001, ARAB 002
Arabic Language (B) *Higher Level*	5	12	ARAB 001, ARAB 002, ARAB 051, ARAB 052
Arabic Language (B) *Standard Level*	5	9	ARAB 001, ARAB 002, ARAB 051
Art *Higher Level*	5	3	ART Elective
Art *Standard Level*	5	3	ART Elective
Biology *Higher Level*	5	8	BIO 001, BIO 001L, BIO Elective
Biology *Standard Level*	5	4	BIO 001, BIO 001L
Business & Management *Higher Level*	4	6	BUS Elective
Business & Management *Standard Level*	4	3	BUS Elective
Cantonese Language (B) *Higher Level*	5	12	General Elective
Cantonese Language (B) *Standard Level*	5	9	General Elective
Chemistry* *Higher Level*	4	8	CHEM 001, CHEM 002, CHEM 003, CHEM 004

Chemistry** *Standard Level*	5	4	CHEM 001, CHEM 003
Chinese Language (A1) *Higher Level*	5	9	CHIN 001, CHIN 002, CHIN 051
Chinese Language (A1) *Standard Level*	5	6	CHIN 001, CHIN 002
Computer Science *Higher Level*	4	6	CS 065, CS Elective
Computer Science *Standard Level*	5	3	CS 065
Design Technology *Higher Level*	4	7	PHSC 001, PHSC Lab, PHSC Elective
Design Technology *Standard Level*	4	3	PHSC 001, PHSC Lab
Economics *Higher Level*	5	6	ECON 002, ECON 010
Economics *Standard Level*	5	3	ECON 010
English Language (A): Literature *Higher Level*	5	6	ENG Elective
English Language (A): Literature *Standard Level*	5	3	ENG Elective
English Language (A): Lang and Lit *Higher Level*	5	6	ENG Elective
English Language (A): Lang and Lit *Standard Level*	5	3	ENG Elective
English Literature & Performance *Standard Level*	5	3	ENG Elective
Env and Soc *Standard Level*	5	3	ENSP 061
French Language (A1) *Higher Level*	5	9	FREN 001, FREN 002, FREN 051
Film	5	3	ENG 041

Higher Level			
Film *Standard Level*	4	3	ENG 030
French Language (A1) *Standard Level*	5	6	FREN 001, FREN 002
French Language (B) *Higher Level*	5	12	FREN 001, FREN 002, FREN 051, FREN 052
French Language (B) *Standard Level*	5	9	FREN 001, FREN 002, FREN 051
Geography *Higher Level*	4	8	SCSG Elective
Geography *Standard Level*	5	3	SCSG Elective
German Language (A1) *Higher Level*	5	9	GERM 001, GERM 002, GERM 051
German Language (A1) *Standard Level*	5	6	GERM 001, GERM 002
German Language (B) *Higher Level*	5	12	GERM 001, GERM 002, GERM 051, GERM 052
German Language (B) *Standard Level*	5	9	GERM 001, GERM 002, GERM 051
Global Politics *Higher Level*	4	3	POLS 075
Global Politics *Standard Level*	4	3	POLS 075
Hebrew Language (B) *Higher Level*	5	12	General Elective
Hebrew Language (B) : *Standard Level*	5	9	General Elective
Hindi Language (B) *Higher Level*	5	12	General Elective
Hindi Language (B) *Standard Level*	5	9	General Elective

History *Higher Level* (including subcategories)	5	3	HIST Elective
History *Standard Level*	5	3	HIST Elective
Information Technology *Higher Level*	4	3	IS Elective
Information Technology *Standard Level*			NO CREDIT
Islamic History *Higher Level*	4	3	HIST Elective
Islamic History *Standard Level*	4	3	HIST Elective
Japanese Language (AB) *Higher Level*	5	9	JAPN 001, JAPN 002, JAPN 051
Japanese Language (AB) *Standard Level*	5	6	JAPN 001, JAPN 002
Latin Language *Higher Level*	4	6	General Elective
Latin Language *Standard Level*	5	3	General Elective
Literature and Performance *Standard Level*	4	3	ENG Elective
Mandarin Language (B) *Higher Level*	5	12	General Elective
Mandarin Language (B) *Standard Level*	5	9	General Elective
Advanced Math *Standard Level*	5	4	MATH 054
Mathematics *Higher Level*	4	3	MATH 050, MATH Elective
Mathematics *Standard Level*	5	3	MATH 050, MATH Elective

Math Methods *Standard Level*	5	4	MATH 020
Math Studies *Standard Level*	5	4	MATH 020
Music *Higher Level*	4	3	MUS Elective
Music *Standard Level* (including subcategories)	4	3	MUS Elective
Philosophy *Higher Level*	4	3	PHIL Elective
Philosophy *Standard Level*	4	3	PHIL Elective
Physics *Higher Level*	4	8	PHY 011, PHY Elective
Physics *Standard Level*	4	4	PHY 011
Psychology *Higher Level*	4	4	PSY 001
Psychology *Standard Level*	4	3	PSY 001
Social Anthropology *Higher Level*	4	6	SCSA 002, SCSA Elective
Social Anthropology *Standard Level*	5	3	SCSA 002
Spanish Language (A1) *Higher Level*	5	9	SPAN 001, SPAN 002, SPAN 051
Spanish Language (A1) *Standard Level*	5	6	SPAN 001, SPAN 002
Spanish Language (B) *Higher Level*	5	12	SPAN 001, SPAN 002, SPAN 051, SPAN 052
Spanish Language (B) *Standard Level*	5	9	SPAN 001, SPAN 002, SPAN 051

Sports Exercise Science *Standard Level*	4	3	BIO Elective
Swahili (A) *Higher Level*	5	9	General Elective
Swahili (A) *Standard Level*	5	6	General Elective
Theatre *Higher Level*	4	4	THEA Elective
Theatre *Standard Level*	4	3	THEA Elective
Visual Arts *Higher Level*	5	3	ART Elective
Visual Arts *Standard Level*	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	3	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
Precalculus	61	50	4	MATH 020
Psychology, Intro	59	50	3	PSY 001
Sociology, Intro	56	50	3	SCSS 001
Spanish Language	50	50	9	SPAN 001, SPAN 002, SPAN Elective
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 120 credits required for graduation. BIO 001 and 001L fulfills the life science AOI, with lab.

Credit for Educational Experiences in the Armed Services

Drake University follows the recommendations for baccalaureate credit in the Guide to Evaluation of Educational Experiences in the Armed Services of the Office on Educational Credit of the American Council on Education. Credit is allowed as specified in the upper-division baccalaureate category and the lower-division baccalaureate/associate degree category.

Drake University will review a Service member's military transcript and where appropriate, recognize, accept and award credit if the military training and experience is applicable to fulfill academic requirements. ACE recommendations are provided to assist an institution in assessing the applicability of military learning experiences to an education program. If appropriate the credit may be applied to a student's program in various ways: (1) applied to the major to replace a required course, (2) applied to an optional course within the major, (3) applied as a general elective, (4) applied to meet basic degree requirements. Credit granted by Drake must comply with institutional policies and degree requirements.

General Education Articulation Agreement

Admitted students who have met the criteria outlined below will enter Drake University having fulfilled the Drake Curriculum general education requirements (Areas of Inquiry), 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.

Criteria

- Minimum 60 semester credits acceptable for transfer.
- Minimum 2.00 cumulative grade point average in transfer coursework.
- One of the following degrees from a regionally accredited institution:

- Associate of Arts (A.A.) degree from a community college in Iowa, Illinois, Minnesota, or Missouri or Drake University's Bright College.
- Associate of Science (A.S.) degree from a community college in Iowa.
- Bachelor's degree from any regionally accredited institution.

Students are required to submit a final transcript with proof of their degree prior to 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 do not meet the criteria above will have their credits evaluated on a course-by-course basis.

Associate Program 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.

Time Status

A student's time status is calculated by totaling all course credit hours registered within a single term (i.e. Summer, Fall, or Spring), including all full-term and modular courses with shorter duration.

Time Status	Credits Per Semester
Full-Time	12 or more credits
Three-Quarter Time	9 or more and less than 12 credits
Half-Time	6 or more and less than 9 credits
Less Than Half-Time	More than 0 and less than 6 credits

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:

Grade	Point Value
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.

Grades for coursework completed as part of an associate's degree through Bright College will be included in GPA calculations for students who elect to move from Bright College into a Drake University bachelor's degree program.

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 pursuing a bachelor's degree may elect to register for a maximum of 12 credit hours of work (of the total 120 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

Repeating a Course or Seminar Component

Students must pass all courses and seminar components to earn the associate's degree. Courses and individual seminar components may be repeated in order to replace a low grade with a higher grade, when doing so is necessary to ensure satisfactory and timely progress through the program and/or comply with University probation and suspension policies. The probation and suspension and integrated seminar repeat policies are available here.

A student is not automatically granted permission to repeat a course; the student must apply to the dean for permission to do so. The dean will then consult with the faculty and review the student's overall record before granting permission to repeat. The College does not guarantee the availability of more than one opportunity to repeat a course or seminar component,

To repeat a course or seminar component, a student will complete in one of the following, at the discretion of the dean in consultation with the faculty:

- an independent study bearing the course number of the course or component to be repeated; *or*
- an approved equivalent course offered in one of Drake University's disciplinary departments along with a required tutorial; *or*
- a section of the same course offered in a subsequent year; or
- satisfactory demonstration of subject-matter learning through additional coursework integrated into coursework within a subsequent seminar or course; or
- a combination of the above.

Students should contact the dean's office to initiate planning for repeating a course or seminar component.

Appeals on Academic Evaluation

The appeal for a change in final grade is handled through the college, school or unit in which the course in question is offered.

Students must initiate a grade appeal within 10 business days following the final grade submission due date published by the Registrar. The appeal is initiated by first seeking a resolution with the instructor. **Exception:** For courses in the College of Pharmacy and Health Sciences, the final grade appeal must be initiated 3 business days following the final grade submission due date published by the Registrar, or in the event that the final grade submission occurs prior to course completion, the timeline will begin with official College notification to the student.

Students may appeal a final grade for one or more of the following reasons:

1. Procedural or clerical error by the instructor that had a negative impact on the student's grade
2. The grading being arbitrary, capricious or outside accepted norms with resultant negative impact on the student's grade. *Possible examples: work is graded differently than stated in the rubric; final grades are calculated with a different method than stated on the syllabus, etc.*
3. The evaluation was of a different standard than that required of other students in the class, resulting in a negative impact on the student's grade. *Possible examples: some students were permitted to submit late work without penalty and others were not; extra credit opportunities were provided to some, but not all students, etc.*

If the student believes that the grade received is based upon discrimination, harassment, or related retaliation, as defined and prohibited by Drake policy, the student should initiate the complaint process set forth in the related policy: Non-Discrimination and Discriminatory Harassment Policy (Non-Sex-Based), or Sexual Harassment Policy.

Students must provide sufficient evidence to support how their appeal meets one or more of the grounds for appeal, and the inability to provide this evidence may result in dismissal of the appeal. To be clear, students may not appeal the final grade on the grounds that they disagree with the professional judgment of the instructor as to the quality of the students' performance or work or whether they met course standards.

It is expected that most, if not all, appeals will be resolved between the student and their instructor. If an agreement is not reached between the instructor and the student, the appeal may be escalated based on each college, school or unit's appeal process and time frame. If unsure about which college, school or unit offers the course please contact the Office of the Registrar (registrar@drake.edu). If an agreement between the parties involved occurs at any step of the appeals process, the appeal has concluded and the grade may not be appealed again.

To learn more about the appeals process please refer to the college/school/unit that offers the course from the links included:

A&S: https://www.drake.edu/artsci/studentresources/policiesandregulations/#appeals

John Dee Bright:https://catalog.drake.edu/undergraduate/johndeebrightcollege/regs/

CBPA: https://www.drake.edu/cbpa/about/cbpapolicies/

CPHS: https://www.drake.edu/cphs/handbookspolicies/appealoffinallettergrade/

SJMC: https://www.drake.edu/sjmc/about/currentstudents/conflict/

SOE: https://www.drake.edu/media/collegesschools/soe/documents/grievance_policy.pdf

Library:
https://purpose.library.drake.edu/files/2021/11/LibraryCurricular_Policies_Procedures2021.pdf#page=8

IN college courses (INTD, HONR, FYS):
https://www.drake.edu/media/departmentsoffices/academicsdivision/facultysuccess/INTD.pdf

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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.

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).

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.

Academic Probation and Suspension

Bright College balances opportunities for students whose Grade-Point Averages (GPAs) fall below 2.0 to improve their academic standing with student accountability. In addition to the University-wide policies and procedures governing minimum GPA, probation, and suspension for full-time students described below, Bright College students must meet the requirements outlined below to remain enrolled and in good standing.

Satisfactory Progress toward Degree

A student must pass all required courses and maintain a 2.0 over-all GPA to graduate. A student may not have failed more than one course or seminar component without having repeated at least one of them to remain enrolled at Bright College, as explained in the Repeating a Course Policy below, except in rare cases.

Academic Probation and Suspension Policy
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

The academic records 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 university's practice to email suspension letters within five working days after grades are due from faculty. Suspended students are received notification of their suspension via their official Drake University email address. A link to the probation and suspension rules is included in the email.

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.
    4. has a failing grade in
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.

A student shall be suspended from Bright College for one semester if he/she:

1. receives a failing grade in two or all three of the components of an integrated seminar in one semester, regardless of GPA.
2. receives a failing grade in two components of two separate interdisciplinary seminars without making satisfactory progress toward repeating and passing at least one of them, regardless of GPA.

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 the dean 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.

Repeating an Integrated Seminar Component

Each integrated seminar is composed of three 4-credit components, which appear as separate classes on the student's transcript.

A student must earn a passing grade in at least two of the three components of any integrated seminar to progress to the next regular semester, in addition to meeting minimum requirements for continuation outlined in the University's Probation and Suspension policy above. Students who receive one and only one failing grade in a seminar component but still meet minimum requirements of the Probation and Suspension policy above may register for and attend future courses and seminars.

A failing grade in two or all three of the components of an integrated seminar, regardless of GPA, will result in a one-semester suspension effective at the beginning of the next semester, and the student will be required to re-enroll in a subsequent year to repeat the seminar in order to progress in the program. Students who still meet

minimum requirements of the Probation and Suspension policy above may register for and attend summer courses, but not future seminars or January courses until the period of suspension expires.

A failing grade in only one component of an integrated seminar will require the student, upon application to the dean, to repeat the failed component the following semester. To repeat a seminar component, a student will enroll in either an independent study bearing the course number of the course or component to be repeated or an approved equivalent course offered in one of Drake University's disciplinary departments along with a required tutorial, at the discretion of the dean in consultation with the faculty, and pay the associated administrative fees.

A student who fails a repeated component may, with the approval of the dean, continue to repeat the component in following semesters, paying the associated administrative and (as applicable, overload) fees, until they pass the component, provided they continue to pass all other components of concurrent integrated and culminating seminars.

If a student has failed two components of two separate interdisciplinary seminars without making satisfactory progress toward repeating and passing at least one of them, the student will be subject to a one-semester suspension, and must apply to re-take the entire seminar during which the more recent failure occurred and repeat the component failed earlier in a subsequent year.

A student is not automatically granted permission to repeat a course; the student must apply to the dean for permission to do so. The dean will then consult with the faculty and review the student's overall record before granting permission to repeat. The College does not guarantee the availability of more than one opportunity to repeat a seminar component

January and Summer Courses

A student who fails the January course JBC 025 may proceed in the program, but must repeat the course in a subsequent January or summer and pay associated overload tuition and fees.

A student who fails the summer course JBC 045 may proceed in the program, but must repeat the course in a subsequent Summer and pay the associated tuition and fees.

Students who fail to fulfill the internship component but otherwise pass JBC 045 will be given a grade of Incomplete (I) and required to complete the internship portion in the following summer or during the regular semester.

Students will be responsible for timely paying the associated administrative fees and any tuition overload associated with course repetition.

A student is not automatically granted permission to repeat a course; the student must apply to the dean for permission to do so. The dean will then consult with the faculty and review the student's overall record before granting permission to repeat. The College does not guarantee the availability of more than one opportunity to repeat a course or internship.

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.

President's List and Dean's List

President's List, Dean's List, and Honors at Graduation

Bright College recognizes outstanding academic performance at the end of each regular semester and during graduation ceremonies. The conferral of these recognitions is governed by the general undergraduate policy below.

Bright College graduates who have demonstrated high academic performance are recognized with honors at graduation. The conferral of these is governed by the general undergraduate policy available here. https://catalog.drake.edu/undergraduate/acadinfo/commencement/

Please note that students who transfer to Bright College with credit toward the associates' degree may not qualify for honors of graduation if they have not earned at least 60 grade-bearing credits at Drake.

President's List and Dean's List Policy

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.

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.

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.

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 web site. Financial implications are not in the purview of the academic colleges and schools. Attendance records will be used to verify attendance dates.

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: 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:

a. The student poses significant danger of imminent or serious harm to self or others, or to the property of the campus.

b. 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.

c. The student has a medical reason that will prevent them returning to the university in the foreseeable future.

An involuntary leave of absence may be executed at any time.

a. 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.

b. 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/completewithdrawals/.

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/genpolicies/.

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.

Desired Re-enrollment Term	Deadline
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).

Baccalaureate Program 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.

Time Status

A student's time status is calculated by totaling all course credit hours registered within a single term (i.e. Summer, Fall, or Spring), including all full-term and modular courses with shorter duration.

Time Status	Credits Per Semester
Full-Time	12 or more credits
Three-Quarter Time	9 or more and less than 12 credits
Half-Time	6 or more and less than 9 credits
Less Than Half-Time	More than 0 and less than 6 credits

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:

Grade	Point Value
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.

Grades for coursework completed as part of an associate's degree through Bright College will be included in GPA calculations for students who elect to move from Bright College into a Drake University bachelor's degree program.

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 pursuing a bachelor's degree may elect to register for a maximum of 12 credit hours of work (of the total 120 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 recompute 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 final grade is handled through the college, school or unit in which the course in question is offered.

Students must initiate a grade appeal within 10 business days following the final grade submission due date published by the Registrar. The appeal is initiated by first seeking a resolution with the instructor. **Exception:** For courses in the College of Pharmacy and Health Sciences, the final grade appeal must be initiated 3 business days following the final grade submission due date published by the Registrar, or in the event that the final grade submission occurs prior to course completion, the timeline will begin with official College notification to the student.

Students may appeal a final grade for one or more of the following reasons:

1. Procedural or clerical error by the instructor that had a negative impact on the student's grade
2. The grading being arbitrary, capricious or outside accepted norms with resultant negative impact on the student's grade. *Possible examples: work is graded differently than stated in the rubric; final grades are calculated with a different method than stated on the syllabus, etc.*
3. The evaluation was of a different standard than that required of other students in the class, resulting in a negative impact on the student's grade. *Possible examples: some students were permitted to submit late work without penalty and others were not; extra credit opportunities were provided to some, but not all students, etc.*

If the student believes that the grade received is based upon discrimination, harassment, or related retaliation, as defined and prohibited by Drake policy, the student should initiate the complaint process set forth in the related policy: Non-Discrimination and Discriminatory Harassment Policy (Non-Sex-Based), or Sexual Harassment Policy.

Students must provide sufficient evidence to support how their appeal meets one or more of the grounds for appeal, and the inability to provide this evidence may result in dismissal of the appeal. To be clear, students may not appeal the final grade on the grounds that they disagree with the professional judgment of the instructor as to the quality of the students' performance or work or whether they met course standards.

It is expected that most, if not all, appeals will be resolved between the student and their instructor. If an agreement is not reached between the instructor and the student, the appeal may be escalated based on each college, school or unit's appeal process and time frame. If unsure about which college, school or unit offers the course please contact the Office of the Registrar (registrar@drake.edu). If an agreement between the parties

involved occurs at any step of the appeals process, the appeal has concluded and the grade may not be appealed again.

To learn more about the appeals process please refer to the college/school/unit that offers the course from the links included:

A&S: https://www.drake.edu/artsci/studentresources/policiesandregulations/#appeals

John Dee Bright: https://catalog.drake.edu/undergraduate/johndeebrightcollege/regs/

CBPA: https://www.drake.edu/cbpa/about/cbpapolicies/

CPHS: https://www.drake.edu/cphs/handbookspolicies/appealoffinallettergrade/

SJMC: https://www.drake.edu/sjmc/about/currentstudents/conflict/

SOE: https://www.drake.edu/media/collegesschools/soe/documents/grievance_policy.pdf

Library:
https://purpose.library.drake.edu/files/2021/11/LibraryCurricular_Policies_Procedures2021.pdf#page=8

IN college courses (INTD, HONR, FYS):
https://www.drake.edu/media/departmentsoffices/academicsdivision/facultysuccess/INTD.pdf

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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.

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).

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.

First-Year Student Maximum Summer Credit Hours

Entering first-year students who choose to enroll in courses the summer proceeding their first full-term of enrollment are eligible to take a maximum of 6 credit hours during the summer term. Students interested in a course(s) that has a lab component may request an exception to enroll in a maximum of 8 credit hours.

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

The academic records 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 university's practice to email suspension letters within five working days after grades are due from faculty. Suspended students are received notification of their suspension via their official Drake University email address. A link to the probation and suspension rules is included in the email.

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.

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.

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.

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.

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 web site. Financial implications are not in the purview of the academic colleges and schools. Attendance records will be used to verify attendance dates.

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: 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:

a. The student poses significant danger of imminent or serious harm to self or others, or to the property of the campus.

b. 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.

c. The student has a medical reason that will prevent them returning to the university in the foreseeable future.

An involuntary leave of absence may be executed at any time.

a. 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.

b. 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/completewithdrawals/.

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/genpolicies/.

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.

Desired Re-enrollment Term	Deadline
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).

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

African American/African Diaspora Studies

Program Options

- **African American/African Diaspora Studies Minor**

Study of Culture and Society department web site https://www.drake.edu/scs/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The minor in African American and African Diaspora Studies is designed to provide students with the critical tools required, and to expose them to the historical knowledge and current research necessary for an informed understanding of continental Africa and Afro-American experience today. The minor is built around a core of courses that systematically document critical aspects of the Afro-American experience from its antecedents in antiquity to the critical aspects of present day. It provides students with an interdisciplinary study of the historical and contemporary lived experiences of African descendants in the United States, Latin America, Europe, Asia, as well as continental African nations and its peoples. The minor also is designed to effectively prepare students who desire to continue on to graduate work in African American/African Diaspora Studies.

Program Requirements

The minor is available to students who are enrolled in a Bachelor's degree program at Drake University. It will consist of 21 credits in total. Students in the Minor will need to complete one core class, two foundational courses, three elective courses based on interest and a final capstone course.

Course	**Credits**
Core Course	
AADS 072 - Introduction to African American / African Diaspora Studies	3
Foundation Courses - *Select six credits from the following*	
AADS 110 - Becoming Black	3
ENG 065 - Introduction to African American Literature	3
HIST 060 - Africa in World History	3
HIST 015 - African American History to 1877	3
SCSS 156 - Representing Race: Life History Research	3
SCSS 167 - Sociology of the African-American Experience	3
Electives - *Select nine credits from the following. Elective courses should represent a mix of History and Philosophy; Race and Ethnicity; and Social, Cultural, and Political Issues.*	
History and Philosophy	
REL 120 - Black Christianity and Prophetic Politics	3
HIST 078 - Greenwich Village and Harlem	3

HIST 112 - Civil War and Reconstruction	3
HIST 115 - From Contact to Removal: American Indian History 1492-1840	3
HIST 140 - Africa's Colonial Moment	3
HIST 161 - Africa, Africans, and Atlantic Slavery	3
HIST 175 - Slavery and Emancipation in the American Past and Present	3
HIST 015 - African American History to 1877	3
REL 151 - African Philosophy	3
SCSS 125 - Making Families Public	3
Race and Ethnicity	
ENG 158 - South African Literature	3
ENG 164 - Latino/a Literature	3
ENG 165 - Postcolonial Literature	3
REL 118 - Race, Religion, and Civic Culture	3
SCSR 114 - Rhetorics of Race	3
SCSR 147 - Digital Cultures and New Media	3
SCSR 156 - Representing Race: Life History Research	3
Social, Cultural, and Political Issues	
HIST 067 - Sustainable Development in Africa	3
SCS 110 - Culture, Knowledge, Power	3
SCSA 145/WGS 145/HONR 138 - Global Reproductive Politics	3
SCSR 114 - Postcolonial Rhetorics	3
SCSR 157 - Sociology of the 60's	3
SCSR 167 - Sociology of the African-American Experience	3
SCSS 013 - Society, Culture, and African Americans	3
SCSS 076 - Inequality and Public Health	3
SCSS 146 - Restorative Justice	3
Capstone Course	
AADS 199 - Directed Independent Study	3
TOTAL	21

American Politics

PROGRAM OPTIONS

- Bachelor of Arts with a major in American Politics

Political Science department web page https://www.drake.edu/polsci/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The Department of Political Science administers a major in American Politics. The undergraduate major, totaling 42 credits, serves our undergraduate students who choose Drake for the distinct experiential

environment available in Des Moines and on campus, allowing consistent and meaningful participation in local, state, and national politics. 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."

B.A. Degree Requirements

Course	Credits
POLS 001 - The American Political System	3
POLS 065 - Comparative Politics	3
POLS 095 - Introductory Methods in American Politics	3
POLS 159 - Research Seminar	3
POLS 195 - Senior Seminar in American Politics	3
Theoretical Foundations - *Select one course from the following*	
POLS 182 - Political Theory of the American Founding	3
POLS 183 - American Liberalism and Conservatism	3
POLS 185 - American Political Thought	3
POLS 186 - Law, Politics, and Religion	3
Political Institutions - *Select two courses from the following*	
POLS 115 - Presidential Nomination Process	3
POLS 119 - Contemporary Debates in Institutional Design	3
POLS 130 - State and Local Government	3
POLS 151 - The American Presidency	3
POLS 152 - Congress and the Legislative Procedure	3
POLS 153 - Judicial Politics	3
POLS xxx - Introduction to the Public Administration	3
POLS 167 - Supreme Courts and Elections	3
POLS 168 - Politics and Parliaments	3
Public Policy Debates - *Select two courses from the following*	
LPS 133 - Drugs, Law, and Society	3
LPS 137 - American Indian Law and Politics	3
LPS 138 - Reproductive Law and Policy in the United States	3
LPS 146 - Urbanization and Social Justice	3
POLS 112 - Women in Politics	3
POLS 117 - Race and American Politics	3
POLS 125 - Post-Conflict Justice	3
POLS 126 - Political Economy of Globalization	3
POLS 127 - Global Health	3
POLS 155 - Public Policy	3
POLS 156 - Environmental Politics and Policy	3
POLS 157 - Crime and Punishment in the United States	3
POLS 158 - Constructing Americans	3
POLS 170 - International Law	3
POLS 174 - Global Migration	3

Course	Credits
POLS 175 - Human Trafficking	3
POLS 177 - Gender and War	3
POLS 179 - American Foreign Policy	3
SCSR 112 - Rhetoric and War	3
SCSR 114 - Rhetorics of Race	3
SCSR 116 - Rhetorics of Class	3
SCSS 105 - Race, Gender, and Poverty	3
SCSS 140 - Youth and Crime	3
SCSS 145 - Food and Society	3
SCSS 154 - Poverty and Society	3
Political Behavior - *Select one course from the following*	
POLS 113 - American Electoral Procedures	3
POLS 114 - Public Opinion	3
POLS 116 - The Media in Modern Politics	3
POLS 166 - Comparative Political Parties and Interest Groups	3
Professional Development/Practical Politics	9
All students majoring in American Politics will complete 9 credits in related professional skills. Students may complete this requirement with a double major in Strategic Political Communication or Data Analytics. Students may complete this requirement with internship credit but no more than 6 credits may be awarded through internships.	
POLS 193 - Internship POLS	1-3
POLS 194 - Internship POLS	1-3
POLS 196 - Internship of POLS	1-3

Anthropology and Sociology

Available Options

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

Study of Culture and Society department web site https://www.drake.edu/scs/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

Course	**Credits**
SCSS 001 - Survey of Sociology	3
SCSA 002 - Introduction to Cultural Anthropology	3
Choose two theory-intensive courses, one in anthropology (SCSA) and one in sociology (SCSS), from the list below:	6
SCS 110 - Culture, Knowledge, Power	
SCSA 081 - Borders and Boundaries	3
SCSA 170 - Global Political Violence	3
SCSA 175 - Medical Anthropology	3
SCSA 180 - Ritual and Myth	3
SCSS 080 - Social Problems	
SCSS 085 - Sociology of Everyday Life	
SCSS 135 - Science and Society	
SCSS 138 - Constructing Normal	
SCSS 151 - Criminology	
SCSS 170 - Deviance	
SCSS 175 - Social Stratification	
SCSS 176 - Documenting Lives	
Chose two research design courses. One course from anthropology and one from sociology, from the list below:	6
SCSA 046 - Anthropology of Religion	
SCSA 078 - The Practice of Oral History	
SCSA 153 - Documentary Video Challenge	
SCSA 156 - Ethnographic Methods	
SCSS 042 - Sociological Inquiry	
SCSS 156 - Representing Race	
SCSS 159 - Methods of Social Research	
STAT 050 - Statistics for Social Sciences	

Choose one community-engaged learning course from the list below. May not be double-counted as research design or theory intensive.	3
SCSA 046 - Anthropology of Religion	
SCSA 078 - The Practice of Oral History	
SCSA 153 - Documentary Video Challenge	
SCSA 175 - Medical Anthropology	
SCSA 180 - Ritual and Myth	
SCSS 076 - Sociology of Childhood	
SCSS 146 - Restorative Justice	
SCSS 156 - Representing Race	
SCSS 179 - Sociology of Education	
Choose four additional elective courses in anthropology/sociology.	12
SCSA 199 - Senior Capstone Seminar	3
TOTAL	36

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.

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.

Required Courses	**Credits**
SCSA 002 - Introduction to Cultural Anthropology	3
Choose five additional five courses in anthropology.	15

TOTAL	18

Art History

Program Options

- **Bachelor of Arts (B.A.)** with a major in Art History
- **Art History minor**

Department of Art & Design web site http://www.drake.edu/art-design/majorsminors/arthistory/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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) - *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 079 - Building Ideas	
ART 199 - Art and Theory	3
Art History electives	15
ART 197 - Art History Capstone	4
TOTAL	38

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.

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.

Course	**Credits**
Select one Foundation Studio class from the following:	
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
TOTAL	20

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

Artificial Intelligence

Program Options

- **Bachelor of Arts (B.A.)** with a major in Artificial Intelligence
- **Bachelor of Science (B.S.)** with a major in Artificial Intelligence
- **Artificial Intelligence minor**
- **Business in Artificial Intelligence Concentration** - available only to A.I. majors
- **Computer Science in Artificial Intelligence Concentration** - available only to A.I. majors
- **Humanities in Artificial Intelligence Concentration** - available only to A.I. majors

AI department website https://www.drake.edu/artificial-intelligence

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The Drake University Artificial Intelligence (AI) major is an interdisciplinary program in the College of Arts and Sciences that comprises courses from Computer Science & Math, Arts & Humanities, and Business & Law. The goal of this program is to *prepare students to be successful in a world where machines can play an important role*, and the AI major is designed to appeal to students interested in STEM, the humanities, or business.

B.A. Requirements

Course	Credits
AI 010 - Interdisciplinary Perspectives on Artificial Intelligence	3
AI 036 - The Natures of Learning and Intelligence, or	3
PSY 125 - Cognitive Psychology	4
AI 042/PHIL 130 - Minds, Brains, and Computers	3
AI 051 - Artificial Intelligence in Fiction, or SCSS 135 - Science in Society	3
AI 190 - Artificial Intelligence Practicum	3
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 083 - Ethical/Social Computing	3
CS 143 - Artificial Intelligence	3
CS 167 - Machine Learning	3
IS 083 - Information Technology Law and Ethics	3
IS 147 - Human Factors in Information Systems, or ART 150 - History of Human-Centered Design	3
IS 161 - Information Systems Analysis and Design	3
PHIL 128 - Language and Reality, or ENG 139 - Language and Logic	3

Course	Credits
PSY 001 - Introduction to Psychology, or	4
NCSI 001 - Introduction to Neuroscience	3
STAT 071 - Statistics I	3
STAT 108 - Statistical Learning	3

B.S. Requirements

Students must also satisfy the special requirements for a Bachelor of Science (B.S.) Degree

Course	Credits
AI 010 - Interdisciplinary Perspectives on Artificial Intelligence	3
AI 036 - The Natures of Learning and Intelligence, or	3
PSY 125 - Cognitive Psychology	4
AI 042/PHIL 130 - Minds, Brains, and Computers	3
AI 051 - Artificial Intelligence in Fiction, or SCSS 135 - Science in Society	3
AI 190 - Artificial Intelligence Practicum	3
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 083 - Ethical/Social Computing	3
CS 143 - Artificial Intelligence	3
CS 167 - Machine Learning	3
IS 083 - Information Technology Law and Ethics	3
IS 147 - Human Factors in Information Systems, or ART 150 - History of Human-Centered Design	3
IS 161 - Information Systems Analysis and Design	3
PHIL 128 - Language and Reality, or ENG 139 - Language and Logic	3
PSY 001 - Introduction to Psychology, or	4
NCSI 001 - Introduction to Neuroscience	3
STAT 071 - Statistics I	3
STAT 108 - Statistical Learning	3

Artificial Intelligence Minor

Course	Credits
AI 010 - Interdisciplinary Perspectives on Artificial Intelligence	3
AI 036 - The Natures of Learning and Intelligence	3
AI 042/PHIL 130 - Minds, Brains, and Computers	3

Course	Credits
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 083 - Ethical/Social Computing	3
CS 143 - Artificial Intelligence	3
IS 147 - Human Factors in Information Systems, or IS 161 - Information Systems Analysis and Design ART 150 - History of Human-Centered Design	3

Business in Artificial Intelligence Concentration

Course	Credits
BLAW 060 - Business Law I	3
ECON 002 - Principles of Microeconomics	3
IS 160 - Database Management	3
MKTG 101 - Marketing Principles	3

Computer Science in Artificial Intelligence Concentration

Course	Credits
CS 114 - Symbolic Logic	3
CS 128 - Robot Program and Control Theory	3
CS 137 - Algorithm Analysis	3
CS 144 - Advanced Artificial Intelligence	3

Humanities in Artificial Intelligence Concentration

Course	Credits
ENG 081 - Introduction to English Linguistics, or ENG 102 - Structure of Modern American English	3
PHIL 090 - Ethics	3
PHIL 114 - Symbolic Logic	3
PSY 050 - Psychology of Creativity	3

Astronomy

Program Options

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

Physics and Astronomy department web site http://www.drake.edu/physics/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

B.A. Degree Requirements

This program allows students to get a degree in Astronomy and also pursue professional career goals (e.g. – journalism, politics, law). The B.A. in Astronomy requires 39 credit hours in the Physics & Astronomy department, and 24 credit hours outside of the department, for a total of 63 credit hours for the degree.

Course	**Credits**
ASTR 001 - Descriptive Astronomy	3
ASTR 01L - Descriptive Astronomy Lab	1
PHY 001 (with lab and discussion) - Introductory Physics I	4
PHY 002 (with lab and discussion) - Introductory Physics II	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 021 – Introduction to Methods in Physics	3
PHY 050 - Modern Physics	4
PHY 059 - Advanced Lab I with Error Theory	2
PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
ASTR 185 - Astrophysics I	3
ASTR 195 - Astrophysics II	3
PHY 191 - Physics Seminar I	1
PHY 192 - Physics Seminar II	1
PHY 197/198 - Research*	1
PHY 199 - Physics & Astronomy Capstone	0
Additional requirements outside of the department:	
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
MATH 110 - Multivariate Calculus	3
MATH 120 - Differential Equations I	3
CHEM 001 - General Chemistry I**	3
CS 065 - Introduction to CS I	3
Total hours	**63**

*Research Participation: 1 cr (min) of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates).

**Students who take General Chemistry I at Drake University must take CHEM 001 with the lab (CHEM 003), as they are co-requisites. Students may seek a waiver from their General Chemistry professor to not take the lab. Students should note that a general chemistry lab is recommended for those pursuing certain pre-professional/career paths.

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 with Error Theory, Theoretical Mechanics, and Electromagnetic Theory.

B.S. Degree Requirements

The Bachelor of Science degree requires a minimum of 76 credit hours in astronomy and physics courses. This degree is suitable for students who want to pursue graduate studies leading to research and academic careers in astronomy, astrophysics or related fields.

Course	**Credits**
ASTR 001 - Descriptive Astronomy	3
ASTR 01L - Descriptive Astronomy lab	1
ASTR 041 - Astronomical Techniques	3
ASTR 185 - Astrophysics I	3
ASTR 195 - Astrophysics II	3
PHY 001 (with lab and discussion) - Introductory Physics 1	4
PHY 002 (with lab and discussion) - Introductory Physics 2	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 021 – Introduction to Methods in Physics	3
PHY 050 - Modern Physics	4
PHY 059 - Advanced Lab I with Error Theory	2
PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
PHY 133 - Electronics	4
PHY 149 - Advanced Lab II	2
PHY 181 - Quantum Theory	4
PHY 191 - Physics Seminar I	1
PHY 192 - Physics Seminar II	1
PHY 197/198 - Research I/II	1
PHY 199 - Physics & Astronomy Capstone	0
Additional requirements outside of the department:	
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
MATH 110 - Multivariate Calculus	3
MATH 120 - Differential Equations I	3

CHEM 001 - General Chemistry I**	3
CS 065 - Introduction to CS I	3
TOTAL	76

*Research Participation: 1 cr (min) of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates).

**Students who take General Chemistry I at Drake University must take CHEM 001 with the lab (CHEM 003), as they are co-requisites. Students may seek a waiver from their General Chemistry professor to not take the lab. Students should note that a general chemistry lab is recommended for those pursuing certain pre-professional/career paths.

Students who double major in the B.S. in Physics and Astronomy must take two additional topical courses in Physics.

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 with Error Theory, Theoretical Mechanics, Electromagnetic Theory and Astronomical Techniques.

Behavior Analysis of Developmental Disabilities

Program Option

- **Behavior Analysis of Developmental Disabilities Concentration**

Biology department web site

Environmental Science and Sustainability department web site

Psychology and Neuroscience department web site

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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

Biochemistry, Cell and Molecular Biology

Available Options

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

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

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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). 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.

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	8

BIO 018 - Intro to Anatomy & Physiology, or BIO 019 - Intro to Botany	
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 I: Fundamentals	3
CHEM 131 - Biochemistry I: Fundamentals Lab	1
CHEM 132 - Biochemistry II: Metabolism	3
CHEM 133 - Biochemistry II: Metabolism 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	3
BCMB 198 - Internship, or	1-12
BCMB 199 - Research	1-3
BCMB 195 - Senior Seminar	1
MATH 050 - Calculus I, or	3
STAT 060 - Statistics for the Life Sciences	3
Career Focus Area - *individually developed with advisor*	15
Advanced electives - *select two from the following:*	
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

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.

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 081 - Analytical Methods	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 I: Fundamentals	3
CHEM 131 - Biochemistry I: Fundamentals Lab	1
CHEM 132 - Biochemistry II: Metabolism	3
CHEM 133 - Biochemistry II: Metabolism 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	3
BCMB 198 - Internship, or	1-12
BCMB 199 - Research	1-3
CHEM 161 - Biophysical Chemistry and Lab, or CHEM 165 - Thermodynamics and Kinetics, or CHEM 182 - Instrumental Methods of Analysis	4
BCMB 195 - Senior Seminar	1
MATH 050 - Calculus I	3
PHY 011 - General Physics I	4
PHY 012 - General Physics II	4
TOTAL	65

Biology

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 http://www.drake.edu/biology/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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

Course	Credits
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	3
BIO 140 - Biological Research and Statistical Methods, or	4
MATH 050 - Calculus I	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)	3
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.

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

Course	**Credits**
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)	3
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.

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.

Biophysics

Program Option

- **Biophysics Concentration**

Physics and Astronomy department web site http://www.drake.edu/physics/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

Biophysics Concentration

Course	Credits
PHY 001 (with lab and discussion) - Intro to Physics 1, or	4
PHY 011 (with lab and discussion) - General Physics I	4
PHY 002 (with lab and discussion) - Intro to Physics 2, or	4
PHY 012 (with lab and discussion) - General Physics II	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1

CHEM 001 and 003 - General Chemistry I, or	4	
CHEM 097 and 098 - Organic Chemistry I	4	
CHEM 002 and 004 - General Chemistry II, or	4	
CHEM 108 and 110 - Organic Chemistry II	4	
BIO 165 - Cell Biology, or	4	
BIO 186 and 187 - Molecular Biology, or	4	
equivalent course from Pharmacy (with lab and discussion)		
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.

Chemistry

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 http://www.drake.edu/chemistry/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 008- Chemistry Connections I	1
CHEM 009- Chemistry Connections II	1
CHEM 010 – Chemistry Connections III	1
CHEM 011 – Chemistry Connections IV	1
CHEM 061 – Inorganic Chemistry	3
CHEM 081 - Analytical Methods	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 - *Select one course from the following:*	
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.) *Select 4 credits from the following:*	
CHEM 130 - Biochemistry I: Fundamentals	3
CHEM 131 - Biochemistry I: Fundamentals Lab	1
CHEM 155 - Organic Reactions and Applications	4
CHEM 161 - Biophysical Chemistry	4
CHEM 165 - Thermodynamics and Kinetics	4
CHEM 180 - Explorations in Inorganic Chem	4
CHEM 182 - Instrumental Methods of Analysis	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
PHY 011 - General Physics (with lab)	4
MATH 050 – Calculus I	3
Total	44

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 008- Chemistry Connections I	1
CHEM 009- Chemistry Connections II	1
CHEM 010 – Chemistry Connections III	1
CHEM 011 – Chemistry Connections IV	1
CHEM 061 - Inorganic Chemistry	3
CHEM 081 - Analytical Methods	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 I: Fundamentals	3
CHEM 131 - Biochemistry I: Fundamentals Lab	1
CHEM 148 - Undergraduate Research	1-3
CHEM 165 - Physical Chemistry	4
Chemistry electives - *Select at least 12 credits from the following:*	
CHEM 132 - Biochemistry II: Metabolism	3
CHEM 133 - Biochemistry II: Metabolism Lab	1
CHEM 155 - Organic Reactions & Applications	4
CHEM 166 - Quantum-Mechanical Explorations	4
CHEM 170 - Explorations in Computational Chem	3-4
CHEM 180 - Explorations in Inorganic Chem	4

CHEM 182 - Instrumental Methods of Analysis	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	3
MATH 070 - Calculus II	3
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.

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 23 credit hours in the following sequence of chemistry courses and 7 credit hours in supplementary courses (physics and calculus) for a total of 31 credits.:

Course	**Credits**
CHEM 001 and 003 - General Chemistry I (with lab)	4
CHEM 002 and 004 - General Chemistry II (with lab)	4
CHEM 081 - Analytical Methods	4
CHEM 097 and 098 - Organic Chemistry I (with lab)	4
CHEM 108 and 110 - Organic Chemistry II (with lab)	4
Select one course from the following:	
CHEM 130 and 131 - Biochemistry I: Fundamentals (with lab)	4
CHEM 155 - Organic Reactions & Applications	4
CHEM 161 - Biophysical Chemistry	4
CHEM 165 - Physical Chemistry	4
MATH 050 – Calculus I	3
PHY 011 – General Physics I (with lab)	4
Total	31

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

Comparative Animal Behavior

Program Option

- **Comparative Animal Behavior Concentration**

Psychology and Neuroscience department web site http://www.drake.edu/psychology/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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 behavoir 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.

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

Computer Science

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

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 067- Object-Oriented Programming	3
CS 083- Computer Ethics	3
CS 130 - Computer Organization and Assembly Language Programming	3
CS 137 - Algorithm Analysis	3
CS 188 - Software Engineering	3
CS 191 - The Capstone Course	3
MATH 050 - Calculus I	3
MATH 054 - Discrete Mathematics, or MATH 101 - Mathematical Reasoning	3
Upper Division Component	15

Computer Science Upper Division Component - 9 hours from the following:	9
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	
(MATH 101 and CS 114 may not both be counted for the major)	
(Neither MATH 140, CS 140, CS 190, the tutoring course, nor the MATH/CS Capstone courses may not be counted)	
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.

Students must also satisfy the special requirements for a Bachelor of Science (B.S.) Degree

Course	**Credits**
Core Courses	30
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 067- Object-Oriented Programming	3
CS 083- Computer Ethics	3
CS 130 - Computer Organization and Assembly Language Programming	3
CS 137 - Algorithm Analysis	3
CS 188- Software Engineering	3
CS 191 - The Capstone Course	3
MATH 050 - Calculus I	3
MATH 054 - Discrete Mathematics, or MATH 101 - Mathematical Reasoning	3
Upper Division Component	15
Computer Science Upper Division Component - Select 9 hours from the following:	9
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 - Select 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

(MATH 101 and CS 114 may not both be counted for the major)

(Neither MATH 140, CS 140, CS 190, the tutoring course, nor the MATH/CS Capstone courses may not be counted)

Total 45

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.

Course	**Credits**
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 067- Object-Oriented Programming	3
CS 130 - Computer Organization and Assembly Language Programming	3
Two additional upper-division computer science courses (excluding CS 140 - the tutoring course, and the Capstone course), *or* IS 145 - Website Technology, IS 150 - Network Management, *or* IS 160 - Database Management	
MATH 054 - Discrete Mathematics	3
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	
Total	21

Data Analytics

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 Marketing Concentration**

Data Analytics web site http://www.drake.edu/analytics/

Mathematics and Computer Science department web site https://www.drake.edu/math/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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
Core Requirements	
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, Nonrelational Databases, and Cloud Computing	3
IS 044 - Microsoft Office Tools for Business Analysis	2
IS 160 - Database Management	3
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
STAT 040 - Introduction to R and SAS	3
STAT 072 - Statistics II	3
STAT 130 - Probability for Analytics	3
STAT 170 - Regression and Time Series	3
STAT 172 - Data Mining and Generalized Linear Modeling	3
CS/STAT 190 - Capstone: Case Studies in Data Analytics and Big Data	3
Electives - choose two courses from the following	
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	3
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
MKTG 113 - Marketing Research	3
MKTG 130 - Marketing Analytics	3

ACTS 135 - Mathematical Statistics	3

Data Analytics Minor

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
TOTAL	20

Data Analytics Marketing Concentration

This optional concentration is available only to Data Analytics majors.

Course	Credits
ECON 002 - Principles of Microeconomics	3
MKTG 101 - Marketing Principles	3
MKTG 113 - Marketing Research	3
MKTG 130 - Marketing Analysis	3
TOTAL	12

East Asian Studies

Program Option

- **East Asian Studies Minor**

World Languages and Cultures department web site http://www.drake.edu/wlc/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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	4
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
Study Abroad: Study abroad is strongly recommended, but not required. Students will take advantage of existing opportunities, including short-term travel seminars.	
Total	21-22

Economics

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 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.

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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	3
MATH 050 - Calculus I	3
STAT 071 - Statistics I	3
STAT 072 - Statistics II	3

All candidates must also satisfy the requirements of the Drake Curriculum.

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	3
ECON 174 - Intermediate Macroeconomic Analysis	3
Three additional economics courses numbered 100 or above	9
MATH 028 - Business Calculus, or	3
MATH 050 - Calculus I	3

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.

English

Program Options

- **Bachelor of Arts (B.A.)** with a major in English
- **English minor**

English department web site http://www.drake.edu/english/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

Course	**Credits**
Lower Division Core	

Gateway	
ENG 038 - Literary Study	4
ENG 039 - Writing Seminar	4
History and Traditions	
Any ENG course numbered 040-059	3-4
Culture and Identity	
Any ENG course numbered 060-079	3-4
Writing: Topics and Genres	
Any ENG course numbered 080-099	3-4
Electives - *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.*	
One ENG course numbered 020-099	3-4
At least fifteen hours of ENG courses numbered 100 or higher	15
Capstone: *Select one of the following*	
ENG 195 - Capstone in English and Writing	3
ENG 197 - Capstone in English	3
TOTAL	38-42

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.

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

Environmental Science

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**

Environmental Science and Sustainability department web page http://www.drake.edu/enss/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 041/42 - Principles of Geology and Lab	4
ENSS 061 - Environmental Sociology	3
ENSS 065 - Geographic Information Systems	3
ENSS 150 - Global Biogeochemical Cycles	3
Introduction to Physical Science - *Chose one of the following sequences:*	
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 - *Take two courses in each of the following outcome areas. Any course may count toward only one outcome.*	
Interdisciplinary Science - *Select two courses from the following:*	
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 - *Select two courses from the following:*	
BIO 140 - Biology Research and Statistical Methods	4
CHEM 081 - Analytical Methods	4
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 162 - Hydrology and lab	4
ENSS 168 - Dynamic Environmental Models	3
MATH 050 - Calculus I (or higher)	3
PHY 025 - Special Topics (or higher)	3
Physical Science - *Select two courses from the following:*	
CHEM 081 - Analytical Methods	4
CHEM 097/98 - Organic Chemistry I and Lab (or higher)	3-4
ENSS 135 - Global Climate Change	3
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 162 - Hydrology	4
PHY 025 - Special Topics (or higher)	3
Systems Science - *Select two courses from the following:*	
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 - *Select two courses from the following:*	
BIO 140 - Biology Research and Statistical Methods	4
BIO 168/168L - Limnology (with lab)	4
CHEM 081 - Analytical Methods	4
CHEM 097/098 - Organic Chemistry I and Lab (or higher)	3-4
ENSS 101 - Restoration Ecology Practicum	1-3
ENSS 115 - Environmental Field Course	0-6
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 150 - Environmental Consulting	3
ENSS 162 - Hydrology	4
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	4
STAT 060 - Statistics for the Life Sciences	3
CHEM 001/003 - General Chemistry I (with lab)	4
Outcome Areas - *Select two courses in each of the following outcome areas. Any course may count toward only one outcome.*	
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 Decision Making	3
ENSS 168 - Dynamic Environmental Models	3

BIO 025/PSY 024 - 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 - *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 "*").*	6
ENSS 191 - Capstone	3
TOTAL	63

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.

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 041/042 - Principles of Geology and lab	4
ENSS 061 - Environmental Sociology	3
ENSS 065 - Geographic Information Systems	3
ENSS 150 - Global Biogeochemical Cycles	3
Introduction to Physical Science - *Chose one of the following sequences:*	
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 - *Take two courses in each of the following outcome areas. Any course may count toward only one outcome.*	
Interdisciplinary Science - *Select two courses from the following:*	
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 - *Select two courses from the following:*	
BIO 140 – Bio Research and Stats Methods	4
CHEM 081 - Analytical Methods	4

ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 162 - Hydrology	4
ENSS 168 - Dynamic Environmental Models	3
MATH 050 - Calculus I (or higher)	4
PHY 025 - Special Topics (or higher)	3
Physical Science - *Select two courses from the following:*	
CHEM 081 - Analytical Methods	4
CHEM 097/098 - Organic Chemistry I and Lab (or higher)	3-4
ENSS 135 - Global Climate Change	3
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 162 - Hydrology	4
PHY 025 (or higher)	3
Systems Science - *Select two courses from the following:*	
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 - *Select two courses from the following:*	
BIO 140 - Bio Research and Stats Methods	4
BIO 168/168L - Limnology (with lab)	4
CHEM 081 - Analytical Methods	4
CHEM 097/098 - Organic Chemistry I and Lab (or higher)	3-4
ENSS 101 - Restoration Ecology Practicum	1-3
ENSS 115 - Environmental Field Course	0-6
ENSS 150 - Advanced Topics (with advisor approval)	0-4
ENSS 150 - Environmental Consulting	3
ENSS 162 - Hydrology	4
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 4
STAT 060 - Statistics for the Life Sciences 3
CHEM 001/003 - General Chemistry I (with lab) 4

Outcome Areas - *Select two courses in each of the following outcome areas. Any course may count toward only one outcome.*

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 Decision Making 3
ENSS 168 - Dynamic Environmental Models 3
BIO 025/PSY 024 - 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 - *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 "*").*	6
ENSS 191 - Capstone	3
ENSS 197 - Environmental Research	2
TOTAL	65

Environmental Science Minor

All minors must have an advisor in the program and must successfully complete the following requirements:

Course	**Credits**
ENSS 035 - One Earth: Global Environmental Science	3

ENSS 036 - One Earth: Global Environmental Science Lab	1
Select one sequence from the following:	
ENSS 041 - Principles of Geology, and	3
ENSS 042 - Principles of Geology Lab	1
BIO 013 - General/Pre-Professional Biology II, and	3
BIO 013L - General/Pre-Professional Biology II Lab	1
Select one course in Science and Policy Integration, including the following or an advisor-approved substitute:	
ENSS 111 - International Environmental Seminar	3
ENSS 125 - Conservation Biology	4
ENSS 127 - Endangered Species Conservation	3
ENSS 135 - Global Change: Science and Policy of Global Warming	3
ENSS 138 - Water Resources and Policy	3
ENSS 100-level elective or advisor-approved substitute - *At least two credits must be labs. These courses cannot count toward requirements for another major, minor, or concentration.*	11
TOTAL	22

Environmental Sustainability and Resilience

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/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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 footprinting, 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.

Course	**Credits**
ENSS Core	**17**
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
Other Required Courses	**11**
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	4
LAW 329 - Resilience and Sustainability	3
Choice Analysis - *Select two from the following:*	**6**
ECON 108 - Environmental and Natural Resource Economics	3
ECON 109 - Public Economics	3
ECON 135 - Developing Economies	3
ENSS 050 - Topics in ENSS *(must be approved by advisor)*	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 *(must be approved by advisor)*	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
Systems Thinking - *Select two from the following:*	**6**
BIO 111 - Evolved Foodways	3
BIO 117 - Ecology	3
ECON 135 - Developing Economies	3
ENSS 050 - Topics in ENSS *(must be approved by advisor)*	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 *(must be approved by advisor)*	3-5
ENSS 156 - Environmental Politics and Policy	3
ENSS 168 - Dynamic Environmental Modeling	3
POLS 123 - Grassroots Globalism	3
SCSS 072 - Global Social Change	3
SCSS 145 - Food and Society	3
Stakeholder Engagement - *Select two from the following:*	**6**
ENSS 050 - Topics in ENSS *(must be approved by advisor)*	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 135 - Global Climate Change	3
ENSS 138 - Water Resource Policy	3
ENSS 150 - Advanced Topics in ENSS *(must be approved by advisor)*	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
Professional Skills - *Select two from the following:*	**6**	
BIO 140 - Biological Research and Statistics Methods		4
ENSS 050 - Topics in ENSS *(must be approved by advisor)*		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 *(must be approved by advisor)*		3-5
ENSS 150 - Environmental Consulting		3
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	
Total	**55**	

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

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:

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
Choose one of the following:	
ECON 108 - Environmental and Natural Resource Economics	3
ENSS 107 - Civic Environmentalism	3
ENSS 151 - Sustainability and Resilience	4
One course that meets each outcome:	
Choice Analysis	
ECON 108 - Environmental and Natural Resource Economics	3
ECON 109 - Public Economics	3
ECON 135 - Developing Economies	3
ENSS 050 - Topics in ENSS *(must be approved by advisor)*	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 *(must be approved by advisor)*	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 *(must be approved by advisor)*	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 *(must be approved by advisor)*	3
ENSS 156 - Environmental Politics and Policy	3
ENSS 168 - Dynamic Environmental Modeling	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 135 - Global Climate Change	3
ENSS 138 - Water Resource Policy	3
ENSS 150 - Advanced Topics in ENSS *(must have advisor approval)*	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

Global Ambassador Certificate Program

Program Option

- **Global Ambassador Certificate Program** (see web site for application)
- The Principal Financial Group Center for Global Citizenship

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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. 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).	50 hours
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.

Graphic Design

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/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 - Observational Drawing	3
ART 100 - Design Issues	3
Art History / Studio Art Elective	3
Art History elective	3
Graphic Design track	
ART 050 - The Idea of Design	3
ART 051 - Typography	3
ART 052 - Form & Concept	3
ART 114 - Interactive Design	3
ART 191 - GD Practicum	3
Graphic Design elective	9
TOTAL	42

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.

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.

Course	Credits
ART 013 - 2-D Design	3
ART 014 - Constructing Space	3
ART 015 - Observational Drawing	3
Art and Design Studio Courses	
ART 0xx – 2-D Course elective	3
ART 0xx – 3-D Course elective	3
ART 0xx – 2-D or 3-D Course elective	3
Art and Design History Courses	
ART 100 - Design Issues	3
Lower level Art History Elective	3
Upper level Art History Elective (two courses)	6
Art & Design Elective courses (any ART prefix course)	12
Graphic Design Track	21
ART 050 – The Idea of Design	3
ART 051 - Typography	3
ART 052 – Form and Concept	3
ART 114- Interactive Design	3
ART 115- Adv Typography	3
ART 116- Concept and Audience	3
ART 191- GD Practicum	3
Graphic Design electives*	12
TOTAL	75

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.

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.

Course	Credits
ART 013 - 2-D Design	3
ART 015 - Observational Drawing	3
ART 050 - Idea of Design	3
ART 051 - Typography	3
ART 052 - Form & Concept	3
ART 100 - Design Issues	3
Elective - *Select any ART graphic design course numbered 100 or higher except for ART 129.*	3
TOTAL	21

History

Program Options

- **Bachelor of Arts (B.A.)** with a major in History
- **History minor**

History department web site http://www.drake.edu/history/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 - *Select twelve credits at any level*	12
TOTAL (All History Option)	39

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.

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 - *Select twelve credits of 100-level courses from a single related major*	12
TOTAL (27 + 12 Option)	39

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.

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

Human Resources Management

Program Option

- **Human Resources Management Concentration**

Psychology department web page http://www.drake.edu/psychology/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The Human Resource Concentration is an interdisciplinary undergraduate program that focuses on the management of people in organizations. It is available to students of any major who have an interest in human resource (HR) management or related fields.

Human Resources Management Concentration

Course	Credits
Drake Curriculum Courses	
PSY 001 - Introduction to Psychology (with lab)	4
PSY 011 - Introductory Statistics, or SCSS 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*	
Required Courses	9
MGMT 110 - Organizational Behavior	3
MGMT 182 - Introduction to Human Resource Management	3
Select one of 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
TD 115 - Needs Analysis and Evaluation	3
Electives (12 credits representing a minimum of two subjects, selected from the following courses):	
ECON 115 - Labor Economics	3
INS 051 - Personal Risk Management	3
INS 164 - Information Technology Project Management	3

MGMT 133 - Managing Diversity in the Workplace or PSY 135 - Psychology of Prejudice	3
MGMT 184 - Leadership and Personal Development or LEAD 050 - Leadership: Theory to Practice	3
MGMT 186 - Compensation and Benefits	3
MGMT 198 - Talent Management and HR Analytics	3
PSY 085 - Organizational Psychology	3
PSY 133 - Psychological Assessment	4
PSY 183 - Industrial Psychology	3
TD 111 - Organizational Learning	3
TD 112 - Learning and Technology	3
TD 113 - Performance Consulting	3
TD 114 - Designing, Developing, and Facilitating Learning	3
TD 115 - Needs Analysis and Evaluation	3
BUS 191 - Internship in Business**, or PSY 192 - Internship**	3
TOTAL	28

Important Notes

Any course taken to fulfill the "Required Courses" category may not simultaneously fulfill the "Electives" category.

Students must select their elective courses from at least TWO subject areas. Courses with different prefixes (e.g. MGMT, PSY, TD, LEAD, BUS) represent different subject areas.

Special topics classes within the realm of Human Resources may be approved by the HR Program Coordinator to fulfill an elective course.

Recommendations

Students are encouraged to complete an internship in HR during either their junior or senior year. Internships in HR 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.

Students are encouraged to join the Drake Student HR Association.

Human Rights Studies

Program Option

- Human Rights Studies Minor

Department of Political Science web site https://www.drake.edu/polsci/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

Human Rights Studies explores the subject of human rights as a set of important academic questions rather than as a doctrine. The program critically examines the ethical frameworks that have shaped the emergence of human rights as an important idea in global politics. It considers diverse cultural, ideological, and political perspectives on the universality of human rights. Students who complete the program will recognize the contested nature of human rights. Because competing viewpoints shape the notion of human rights, the program is not based on a settled definition of human rights. However, all students who complete the program will become familiar with the philosophical roots of human rights discourse and the codification of human rights norms in international law.

The program examines human rights in both domestic and international contexts, engaging with human rights challenges in the United States as well as in other countries. The primary goal of the program is not to train human rights professionals. Instead, the program seeks to educate students who recognize the importance of human rights issues in their personal, civic, and professional lives, whatever their professional path.

Program Requirements

Course	**Credits**
POLS 123 - Transnational Advocacy Network	3
POLS 173 - Human Rights and World Politics	3
POLS 133 - Case Studies in Comparative and Transnational Human Rights	3
Electives - *Select nine credits from a list of approved courses by the Department of Political Science*	9
TOTAL	18

Interdisciplinary Study of the Humanities and Sciences Concentration

Program Option

- **Interdisciplinary Study of the Humanities and Sciences Concentration**

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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/Writing Non-Fiction	4
ENG 123 - Climate Fiction	3
ENG 130 - Studies in Literary Genres	0-3
ENG 174/ENG 128/HONR 184 - Theories of Language and Discourse	3
ENSS 061 - Environmental Sociology	3
MATH 017 - Math Pathways	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
TOTAL	18

International Relations

Program Options

- **Bachelor of Arts (B.A.)** with a major in International Relations
- **International Relations minor**

Political Science department web site http://www.drake.edu/polsci/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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
Required Courses	
POLS 065 - Comparative Politics	3
POLS 075 - World Politics	3
POLS 122 - International Security	3
POLS 126 - Political Economy of Globalization	3
POLS 170 - International Law	3
POLS 192 - Senior Seminar	3
Comparative Perspectives (3 courses required)	
ECON 175 - Developing Economies	3
HIST 060 - Africa in World History	3
HIST 123 - Modern Mexico	3
HIST 125 - Colonial Latin America	3
HIST 126 - Modern Latin America	3
HIST 129 - Modern China	3
HIST 130 - Twentieth Century China	3
HIST 132 - Modern Japan	3
HIST 134 - Contemporary Europe	3
HIST 140 - Africa's Colonial Movement	3

HIST 161 - Africa, Africans & Atlantic Slavery	3
HIST 167 - Sustainable Development in Africa	3
POLS 131 - Nationalism and Ethnicity in Eastern Europe	3
POLS 132 - The Politics of Inequality	3
POLS 139 - Comparative Asian Politics	3
POLS 160 - Modern European Political Systems	3
POLS 161 - Politics of Russia and the Former Soviet Union	3
POLS 162 - Government & Politics of China	3
POLS 163 - Government & Politics of Japan	3
POLS 165 - Government and Politics in Developing Nations	3
POLS 166 - Comparative Political Parties	3
POLS 167 - Supreme Courts and Elections	3
POLS 168 - Politics & Parliaments	3
POLS 172 - Japan and the World: Issues of War and Memory	3
POLS 1XX - Intelligence Agencies	3
Global Perspectives (3 courses required)	
ECON 130 - International Economies	3
POLS 121 - The U.N. and Global Security	3
POLS 123 - Transnational Advocacy Networks	3
POLS 124 - Revisiting the Vietnam War	3
POLS 125 - Transitional Justice	3
POLS 127 - Global Health	3
POLS 128 - Simulating Crisis Decision-Making in U.S. Foreign Policy	3
POLS 129 - Transitions to Democracy	3
POLS 133 - Case Studies in Comparative and Transnational Human Rights	3
POLS 136 - Racial Justice & Human Rights in the United States after World War II	3
POLS 137 - U.S. and Iran	3
POLS 138 - U.S. - China Relations	3
POLS 168 - Politics & Parliaments	3
POLS 173 - Human Rights & World Politics	3
POLS 174 - Global Migration	3
POLS 175 - Human Trafficking	3
POLS 176 - Gender and International Relations	3
POLS 177 - Gender and War	3
POLS 178 - U.S.-East Asian Relations	3
WLC 148 - Intercultural Communication	3
TOTAL	36

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 122 - International Security	3
POLS 126 - Political Economy of Globalization	3
POLS 170 - International Law	3
One upper-level elective	3
Must be approved by advisor	
Language course	3
Language course taken at Drake or through an affiliated institution abroad	

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.

Jazz Studies

Program Option

- **Concentration in Jazz Studies**

Music department home page http://www.drake.edu/music/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 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 Drums	1
MUS 198 - Jazz Wind Instruments	1
TOTAL	16-18

Kinesiology

Program Option

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

Kinesiology web site http://www.drake.edu/kinesiology/major/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 Elective	3-7
MATH 050 - Calculus I	3
BIO 140 - Biology Research and Stat. Methods	4
PSY 011/013 - Intro to Statistics and Research Methods in Psychology	7
STAT 060 - Statistics for Life Sciences	3

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
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
BIO 018 and 018L- Intro to Anatomy and Physiology, or HSCI 141 and 141L - Human Anatomy with Lab	4
BIO 036 - Exercise & 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	3
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 148 - Exercise Testing & Prescription	3

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 I: Fundamentals and Lab	4
BIO 140 - Biological Research and Statistical Methods, or	4
STAT 060 - Statistics for the Life Sciences	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

KINESIOLOGY/MASTERS IN ATHLETIC TRAINING 3+2 PATHWAY

The kinesiology program, in collaboration with the Master of Athletic Training (MAT) program, is offering an accelerated curriculum allowing students to complete both a B.S. in Kinesiology and a Master of Athletic Training degree in five years. The first three years of the curriculum focuses on (1) courses for the Kinesiology major and (2) pre-requisites for the MAT program. In the third year, interested students can then apply for the MAT program where they will be guaranteed an interview for admission and have a seat saved for them in the program provided they meet all requirements. Students will begin the MAT program their fourth year when they will finish the last few courses required for the Kinesiology degree. The summer between the fourth and fifth year as well as the fifth year are fully dedicated to the completion of the MAT. Since this is an accelerated program, students will need to be particularly proactive in degree planning with their advisors in order to meet both degree requirements.

Pathway Requirements

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
BIO 031: Intro to Kinesiology	1
BIO 032: Wellness and Nutrition	3
BIO 129 and BIO 129L - Mammalian Physiology with Lab	5
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 137 and BIO 137L - Biomechanics with Lab	4
BIO 139 - Kinesiology Capstone	3
HSCI 095 – Medical Terminology	1
HSCI 141 and 141L - Human Anatomy with Lab	4
PHY 011: General Physics I	4
PSY 001: Intro to Psychology	4

ENG 037: Public Voices	3
STAT 060: Statistics for the Life Sciences	3

- The courses listed above, with the exception of BIO 139, would be completed during the first three years at Drake. BIO 139 would be completed during the first year of graduate level work. Students must complete at least 90 hours before starting graduate level work.
- Students interested in the program would apply during the fall of their junior year. Students must have a minimum cumulative GPA of 3.0.
- The courses required to be taken at the graduate level for the Master's of Athletic Training can be found here. https://catalog.drake.edu/graduate/collegeofpharmacyandhealthsciences/athletictraining/

Latin American Studies

Program Option

- **Latin American Studies Minor**

World Languages and Cultures department home page http://www.drake.edu/wlc/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

Latin American Studies Minor

The Latin American Studies minor requires 21 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 two Spanish courses above the SPAN 140-level at Drake.

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 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
JMC 199 - Family, Lifestyles, and Annuity 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 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

Additional courses may be approved by the World Languages and Cultures Department as necessary.

Law, Politics and Society

Program Options

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

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

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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;
- participate actively as citizens in civil society.

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* (2) Upper-division electives in a second related field*	12
(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

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 http://www.drake.edu/mathcs/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 - *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.* 18

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.*

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	3
ACTS 135 - Mathematical Statistics	3
STAT 130 - Probability for Analytics, and	3
STAT 170 - Regression and Time Series	3

5. Computational Science Sequence

MATH 139 - Theory of Computation	3
MATH 150 - Discrete Structures	3

6. PHY 121 - Theoretical Mechanics, and	4
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.

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 - Introduction 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
TOTAL	42

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.

Course	**Credits**
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 - *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.*	18
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.

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 3
     ACTS 135 - Mathematical Statistics 3
   - STAT 130 - Probability for Analytics, and 3
     STAT 170 - Regression and Time Series 3
5. Computational Science Sequence
   - MATH 139 - Theory of Computation 3
   - MATH 150 - Discrete Structures 3
6. PHY 121 - Theoretical Mechanics, and 4
   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 - Introduction 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

TOTAL 42

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.

Course	Credits
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
TOTAL	24

Mathematics for Secondary Education

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 http://www.drake.edu/mathcs/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The goal of the Mathematics for Secondary Education program is to equip students with the needed mathematical knowledge, instructional strategies, foundational awareness of education, and teaching experiences to become successful teacher of middle or high school mathematics. Students who are interested in teaching in community college settings or at universities are also encouraged to pursue this degree.

Students majoring in Mathematics for Secondary Education receive a Bachelor's of Science degree from the Department of Mathematics and Computer Science in addition to a Bachelor's of Science degree from the School of Education. This dual-degree program gives our graduates a competitive advantage, as they can demonstrate deep mathematical knowledge and comprehensive preparation for teaching.

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	
CS 065 - Introduction to Computer Science I	3
MATH 050 - Calculus I	3
MATH 054 - Introduction to Discrete Mathematics	3
MATH 061 - Geometry for 6-12 Mathematics Teachers	3
MATH 063 - Algebra and Math Modeling for 6-12 Math Teachers	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	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
Choose one from the following:	
ACTS/MATH 131 - Introduction to Probability I	4
MATH 062 - Statistics and Probability for 6-12 Mathematics Teachers *(Recommended)*	3
STAT 071 - Statistics I	3
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	43-44

Mathematics for Secondary Education 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.

Course	Credits
CS 065 - Introduction to Computer Science I	3
MATH 054 - Introduction to Discrete Mathematics	3
MATH 070 - Calculus II	3
MATH 100 - Calculus III	3
MATH 144 - Topics in Mathematics Education	3
MATH 145 - Methods of Teaching Secondary School Mathematics	3
Select one from the following algebra courses:	
MATH 063 - Algebra and Modeling for 6-12 Grade Teachers *(Recommended)*	3
MATH 080 - Linear Algebra	3
MATH 155 - Introduction to Abstract Algebra I	3
Select one from the following geometry courses:	
MATH 061 - Geometry for 6-12 Mathematics Teachers *(Recommended)*	3
MATH 153 - Modern Geometry	3
Select one from the following statistics courses:	
MATH 062 - Statistics and Probability for 6-12 Mathematics Teachers *(Recommended)*	3
ACTS/MATH 131 - Introduction to Probability I	4
STAT 071 - Statistics I	3
Strongly recommended additional courses:	
MATH 157 - History of Mathematics	3
MATH 195 - Tutoring of Mathematics	3
TOTAL	30-31

Military Studies

Program Option

- **Military Studies minor**

Drake R.O.T.C. web site http://www.drake.edu/rotc/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The Military Studies program is designed for students interested in learning about military skills and careers. The mission of the Reserve Officers' Training Corps (ROTC) programs is threefold. First, students are developed mentally, morally, and physically in order to make them strong leaders. Second, a desire for development in mind and character is instilled in students so they may assume the highest responsibilities of command, citizenship, and government. Finally, students are imbued with the highest ideals of duty, honor, and loyalty in order to graduate with a basic professional background and motivation toward their careers.

Army ROTC is an elective curriculum you take along with your required college classes. It gives you the tools, training and experiences that will help you succeed in any competitive environment. Along with great leadership training, Army ROTC can pay for your college tuition. Because Army ROTC is an elective, you can participate your freshman and sophomore years without any obligation to join the Army. When you graduate, you will be commissioned as an Officer in the Army.

Those who succeed in the Army ROTC program are students who excel and want something more out of the college experience. Generally, these students are scholars who keep their grades up, athletes who are physically strong, and leaders who have a great desire to learn.

Enrolling in the Army ROTC Basic Course does NOT involve a commitment of service to the Army unless you have received an ROTC Scholarship.

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 002 - Passages Since 1750	3
HIST 075 - US History to 1877	3
HIST 112 - Civil War and Reconstruction	
HIST 113 - America as a World Power	3
HIST 114 - US Since 1933	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 Servicemembers 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.

Music

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 http://www.drake.edu/music/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

Drake University 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.

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 010—Jazz History	2
MUS 012—Jazz Theory/Keyboard	2
MUS 101—Counterpoint	3
MUS 102—Structure and Design	3
MUS 104—Orchestration	3
MUS 106—Symphonic Literature	2
MUS 108—Composition	1-2
MUS 109—Piano Literature to 1800	2
MUS 110—Piano Literature after 1800	2
MUS 116—String Literature	1-3
MUS 119/HONR 178—Music and Politics	3
MUS 120—Shape Notes and Sacred Harps	3
MUS 133—Jazz Arranging and Composition	2
MUS 140—Vocal Literature	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 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 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 191 - Tuba	1-6
MUS 193 - String Bass	1-6
MUS 194 - Classical Guitar	1-6
TOTAL	63-64

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.

Wind and Percussion Track

The wind 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 - 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	

String Track

The string 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	
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 - Voice - *A minimum of 32 credits is required.*	32
Foreign Language	6
Senior Recital	

Elective Studies in Business

The Bachelor of Music with Elective Studies in Business prepares students to pursue career opportunities in which the arts and business intersect. This includes performing arts management, support staff for large non-profit organizations, facilities management, and more. In addition to coursework undertaken in the Department of Music and the completion of a minor in Drake's College of Business and Public Administration, students take part in an internship program working with local arts organizations. The result is a comprehensive and diverse program that takes advantage of Des Moines' thriving music scene.

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 - 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
TOTAL	94

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 012—Jazz Theory/Keyboard	2
MUS 101—Counterpoint	3
MUS 102—Structure and Design	3
MUS 104—Orchestration	3
MUS 106—Symphonic Literature	2
MUS 108—Composition	1-2
MUS 109—Piano Literature to 1800	2
MUS 110—Piano Literature after 1800	2
MUS 116—String Literature	1-3
MUS 119/HONR 178—Music and Politics	3
MUS 120—Shape Notes and Sacred Harps	3
MUS 133—Jazz Arranging and Composition	2
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

TOTAL 22

Music Education

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 http://www.drake.edu/music/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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.

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 163 - Seminar for Student Teaching	1
EDUC 166 - Student Teaching Elementary	5
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	2
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	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 163 - Seminar for Student Teaching	1
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
EDUC 166 - Student Teaching Elementary	5
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	

Musical Theatre

Program Options

- **Bachelor of Fine Arts (B.F.A.)** with a major in Musical Theatre
- **Minor in Musical Theatre**

Theatre Arts department web site http://www.drake.edu/theatre/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 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
Dance Proficiency Requirement	
THEA 056 - Jazz (must complete two semesters at 2 cr each)	4
THEA 057 - Tap (must complete two semesters at 2 cr each)	4
THEA 058 - Ballet (must complete two semesters at 2 cr each)	4
THEA 059 - Musical Theatre Dance	2
THEA 106 - Musical Theatre Dance Styles	2
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 116 - Musical Theatre III	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
THEA 007 - Piano Lab I	1
THEA 008 - Piano Lab II	1
THEA 010 - Music Theory Essentials	3
THEA 026 - Private Voice Lessons (Taken for 1 credit for four semesters)	4
THEA 126 - Private Voice Lessons (Taken for 1 credit for four semesters)	4
Total	88

* Students must demonstrate competency in piano equivalent to the completion of THEA 008. This may require students to take THEA 007 as a prerequisite depending on level of experience. Students proficient in piano beyond the level of THEA 008 are eligible to test out of the requirement entirely. All determinations regarding piano proficiency are at the discretion of the piano instructor.

Musical Theatre Minor

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:	7
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:	
THEA 007 - Piano Lab I*	1

THEA 008 - Piano Lab II	1
THEA 010 - Music Theory Essentials	3
THEA 026 - Voice Lessons 1 (Taken for 1 credit for two semesters)	2
Total	24-27

* Students must demonstrate competency in piano equivalent to the completion of THEA 008. This may require students to take THEA 007 as a prerequisite depending on level of experience. Students proficient in piano beyond the level of THEA 008 are eligible to test out of the requirement entirely. All determinations regarding piano proficiency are at the discretion of the piano instructor.

Neuroscience

Program Options

- **Bachelor of Science (B.S.)** degree with a major in Neuroscience
- **Neuroscience minor**

Psychology and Neuroscience department web site http://www.drake.edu/psychology/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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	3
BIO 176, 176L - Neurophysiology	3, 1
BIO 012, 012L - General/Pre-Professional Biology I (with lab)	3, 1
BIO 013, 013L - 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	3
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, 129L - Mammalian Physiology (with lab)	5
BIO 165 - Cell Biology	4
CHEM 130, 131 - Biochemistry I: Fundamentals and Lab	4
Behavioral Neuroscience - *choose one course*	
BIO 107/NSCI 127/PSY 127 - Behavior Genetics	3
NSCI 126 - 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 150 - 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, 114L - Evolution	4
BIO/CS 116 - Bioinformatics	3
BIO 127, 127L - Histology	4
BIO/PHY 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 090/91/190/191 - Independent Study	3
NSCI 151 - 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 151 - History of Neuroscience	3
NSCI 198 - Research Seminar	3
Total	**64**

Notes:

- Students taking BIO 140 should take TWO lab courses under "Neuroscience Core Requirements" to make up for the lost credit hour and laboratory time. Students must pass NSCI 001, NSCI 010, and PSY 011 (or its substitutes) with a "C" or better (not a C-) to major in Neuroscience and to enroll in any upper level courses for which these are prerequisites.

Neuroscience Minor

Course	**Credits**
Basic Foundations of Neuroscience - *complete all courses*	
NSCI 001 - Introduction to Neuroscience	3
NSCI 010 - Research Methods in Neuroscience	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 150 - Functional Neuroanatomy	3
NSCI 195 - Neurobiology of Learning and Memory	3
NSCI 126 - Neurochemistry	3
PSY 122 - Sensation and Perception	3
PSY 128 - Hormones and Behavior	3
Advanced Laboratory and Application* - *choose one course*	
NSCI 090/91/190/191 - 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
Total	**24**

*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.

Open-Enrolled Arts and Sciences

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.

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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)	4
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	3
MATH 028 - Business Calculus	3
MATH 050 - Calculus I	3
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 and Social Change	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 001FA - The Business Profession I	0
CHEM 008 – Chemistry Connections I	1
EDUC 001 - Intro to Education	1
HONR 001 - Honors Practicum	1
PHY 003: Contemporary Topics in Physics and Astronomy Seminar	1

Philosophy

Program Options

- **Bachelor of Arts (B.A.)** degree with a major in Philosophy
- **Minor in Philosophy**

Philosophy and Religion department web site http://www.drake.edu/philrel/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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
PHIL 142 - The Philosophy of Artificial Intelligence	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	3
PHIL 090 - Ethics	3
PHIL 104 - Ancient Philosophy, or	3
PHIL 106 - Modern Philosophy	3
Elective courses - *at least two must be 100+ level*	12
TOTAL	18

Physics

Program Options

- **Bachelor of Arts (B.A.)** with a major in Physics
- **Bachelor of Science (B.S.)** with a major in Physics
- **Applied Physics Track**

- **Physics minor**
- **Physics/Engineering 3+2 or 4+2 programs with Washington University**

Physics and Astronomy department web page http://www.drake.edu/physics/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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) - Introductory Physics 1	4
PHY 002 (with lab and discussion) - Introductory Physics 2	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 021 - Introduction to Methods in Physics	3
PHY 050 - Modern Physics	4
PHY 059 - Advanced Lab I with Error Theory	2
PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
PHY 191 - Seminar I	1
PHY 192 - Seminar II	1
PHY 197/198 - Research I/II	1
PHY 199 - Physics & Astronomy Capstone	0
Electives - choose at least one from (for 2-4 credit hours):	
ASTR 041 - Astronomical Techniques	3
ASTR 185 - Astrophysics I	3
ASTR 195 - Astrophysics II	3
PHY 132 - Medical Biophysics	3
PHY 133 - Electronics	4
PHY 149 - Advanced Lab II	2
PHY 180 - Computational Physics	3
PHY 181 - Quantum Theory	4
PHY 182 - Thermodynamics and Statistical Physics	4
PHY 188 - Advanced Classical Physics	4

Other topical courses occasionally offered depending on interest and faculty availability	3-4
Additional requirements outside the department	
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
MATH 110 - Multivariate Calculus	3
MATH 120 - Differential Equations I	3
CHEM 001 - General Chemistry I**	3
CS 065 - Introduction to CS I	3
Total	55

NOTE: Students in the B.A. program must be advised that graduate studies in physics will require more of the advanced courses.

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, Theoretical Mechanics and Electromagnetic Theory.

* Research Participation: 1 cr (min) of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates).

**Students who take General Chemistry I at Drake University must take CHEM 001 with the lab (CHEM 003), as they are co-requisites. Students may seek a waiver from their General Chemistry professor to not take the lab. Students should note that a general chemistry lab is recommended for those pursuing certain pre-professional/career paths.

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.* 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.

Course	**Credits**
PHY 001 (with lab and discussion) - Introductory Physics 1	4
PHY 002 (with lab and discussion) - Introductory Physics 2	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 021 - Introduction to Methods in Physics	3

PHY 050 - Modern Physics	4
PHY 059 - Advanced Lab I with Error Theory	2
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	2
PHY 199- Physics & Astronomy Capstone	0
Electives - choose at least three from (for at least 9 credit hours):	
ASTR 185 - Astrophysics I **or** ASTR 195 - Astrophysics II **or** ASTR 041 - Astronomical Techniques	4
PHY 132 - Medical Biophysics	3
PHY 180 - Computational Physics	4
PHY 188 - Advanced Classical Physics	4
Other topical courses occasionally offered depending on interest and faculty availability	3-4
Additional requirements outside the department	
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
MATH 110 - Multivariate Calculus	3
MATH 120 - Differential Equations I	3
CHEM 001 - General Chemistry I**	3
CS 065 - Introduction to CS I	3
Total	77

* Research Participation: 2 cr (min) of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates).

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

**Students who take General Chemistry I at Drake University must take CHEM 001 with the lab (CHEM 003), as they are co-requisites. Students may seek a waiver from their General Chemistry professor to not take the lab. Students should note that a general chemistry lab is recommended for those pursuing certain pre-professional/career paths.

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 with Error Theory, Theoretical Mechanics, and Electromagnetic Theory.

Applied Physics track

The Applied Physics track is an optional track for students pursuing the B.S. in Physics. The Applied Physics track requires 45 credit hours in the department with the choice of either "Quantum Theory" or "Thermodynamics and Statistical Physics" instead of both being required. "Computational Physics" is a required choice for this track, along with 1 credit hour of research and 1 topical course. These requirements reflect the needed preparation for applied physics careers or advanced studies, with less focus on theoretical courses and more focus on applied topics.

Course	**Credits**
PHY 001 (with lab and discussion) – Introductory Physics I	4
PHY 002 (with lab and discussion) – Introductory Physics II	4
PHY 003 – Contemporary Topics in Physics and Astronomy Seminar	1
PHY 021 – Introduction to Methods in Physics	3
PHY 050 – Modern Physics	4
PHY 059 – Advanced Lab I with Error Theory	2
PHY 121 – Theoretical Mechanics	4
PHY 122 – Electromagnetic Theory	4
PHY 133 – Electronics	4
PHY 149: Advanced Lab II	2
PHY 180 – Computational Physics	3
PHY 191- Physics Seminar I	1
PHY 192 – Physics Seminar II	1
PHY 197/198 – Research*	1
PHY 199 – Physics and Astronomy Capstone	0
Choose *one* of the following:	
PHY 181 – Quantum Theory	4
PHY 182 – Thermodynamics and Statistical Physics	4
Choose *one* topical course (for at least 3 credit hours):	
ASTR 185 – Astrophysics I	3
ASTR 195 – Astrophysics II	3
ASTR 041 – Astronomical Techniques	3
PHY 132 – Medical Biophysics	3
PHY 188 – Advanced Classical Physics	3

**Other topical courses occasionally offered depending on interest and faculty availability.	3-4

Additional requirements outside the department:

MATH 050 – Calculus I	3
MATH 070 – Calculus II	3
MATH 080 – Linear Algebra	3
MATH 100 – Calculus III	3
MATH 110 – Multivariate Calculus	3
MATH 120 – Differential Equations I	3
CHEM 001 – General Chemistry I**	3
CS 065 – Introduction to Computer Science I	3

Minimum credit hours required for major with track:	**69**

* Research Participation: 1 cr (min) of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates).

**Students who take General Chemistry I at Drake University must take CHEM 001 with the lab (CHEM 003), as they are co-requisites. Students may seek a waiver from their General Chemistry professor to not take the lab. Students should note that a general chemistry lab is recommended for those pursuing certain pre-professional/career paths.

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 with Error Theory, 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) - Introductory Physics I	4
PHY 002 (with lab and discussion) -– Introductory Physics II	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 021 – Introduction to Methods in Physics	3

PHY 050 - Modern Physics	4
PHY 059 - Advanced Lab I with Error Theory	2
PHY 191 - Seminar I	1
MATH 050 – Calculus I	3
MATH 070 – Calculus II	3
MATH 100 – Calculus III	3
CS 065 – Introduction to CS I	3
TOTAL	31

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.

PRE-ENGINEERING TRACK with Washington University and Physics

These are dual-degree Drake University majors of the student's choice and engineering programs offered at Washington University. Students interested in Mechanical and Electrical Engineering are strongly recommended to be a Drake physics major due to the supportive and foundational knowledge gained for their engineering interests. However, physics majors can pursue any engineering program at Washington University. Students can pursue undergraduate and/or master's degrees in engineering at Washington University once they are accepted to Washington University's program.

More information on the accelerated track can be found here
https://catalog.drake.edu/undergraduate/acadinfo/specialprograms/#d.en.362546

Politics

PROGRAM OPTIONS

- Bachelor of Arts with a major in Politics

Political Science department web page https://www.drake.edu/polsci/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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**
Introductory Courses	
POLS 001 - The American Political System	3
POLS 065 - Comparative Politics	3
POLS 075 - World Politics	3
POLS 080 - Introduction to Political Theory	3
Upper-Level Subfield Requirements - *Take at least one upper-level course in each of the four main subfields of political science: American Politics, Comparative Politics, International Relations, and Political Theory*	12
Upper-Level Electives - *Take an additional three upper-level elective courses in any subfield. Students may not double-count these upper-level courses toward a second major in the Department of Political Science.*	9
Senior Capstone in Politics	3
TOTAL	36

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 - The American Political System	3
POLS 065 - Comparative Politics	3

POLS 075 - World Politics	3
POLS 080 - Introduction to Political Theory	3
Politics Electives - *Select two upper-level courses*	6
TOTAL	18

Psychology

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**

Psychology department web site http://www.drake.edu/psychology/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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.*	
TOTAL	39

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.

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.*	
TOTAL	51

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.

Psychology Minor

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 21 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.

Course	**Credits**
PSY 001 - Introduction to Psychology (with lab)	3
Electives - *Select at least 18 credits of Psychology courses. No more than three credits of independent study, research, or internship may count toward the minor.*	18
TOTAL	21

3+2 PSYCHOLOGY / MASTERS IN COUNSELING PATHWAY

The Psychology & NSCI Department from the College of Arts & Sciences and the Counseling Program from the School of Education is offering an accelerated curriculum allowing students to complete both a B.S. in Psychology and a Master's in Mental Counseling in five years. Students interested in this program are

designated as pre-counseling students with a major in Psychology (Psychology-precounseling). They are assigned a primary academic advisor from the Department of Psychology & Neuroscience. These students complete three years of full-time undergraduate study in which they fulfill all requirements for the Psychology major and the Drake curriculum. Should they meet admissions requirements for the Master's in mental health counseling program, they begin graduate level coursework in the SOE Counseling program during the summer of following their 3rd year of study. This coursework completes the balance of coursework needed for their bachelor's degree.

B.A. IN PSYCHOLOGY OPTION WITH PATHWAY TO MASTER OF COUNSELING

The following plan provides an outline of possible coursework for a 3+2 program in which students complete all Psych B.A. major requirements and AOI coursework in their first 3 years at Drake. Students flagged into the 3+2 program who are subsequently admitted into the SOE counseling program (specific criteria found here: https://catalog.drake.edu/graduate/schoolofeducation/admission/) begin taking Counseling courses after their 3rd year. A maximum of 30 hours in the Counseling program would count toward completion of the BS degree from Drake.

Course	**Credits**
PSY 001 - Introduction to Psychology (with lab)	4
PSY 011 - Introduction to Statistics for Psychology	4
PSY 013 - Research Methods	3
PSY 176 – Advanced Psychopathology	3
PSY 177 – Fundamentals of Clinical Psychology	3
PSY 192 – Counseling Internship*	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 076 - Abnormal 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
Drake Curriculum requirements (AOIs, Honors, Bulldog Foundations, etc.)	Varies
Electives	Varies
Total credits during first three years	99

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.
- Students must complete at least 28 upper level credits in any subject by the end of their third year to be considered for the accelerated track.
- Approved Psych xxx courses or cross-listed courses may serve as electives for the Counseling program.
- Students would complete the remaining 25 hours required, 12 of which need to be upper level, for the undergraduate degree during their fourth year. During their fourth year, they will start graduate level courses towards the counseling program, however those courses will count towards their undergraduate degree.
- Students accepted into the School of Education Masters in Counseling would start graduate level courses the summer after their third year at Drake to stay on track in the 3+2 program. Courses required for the Counseling Master's program to be completed in the remaining two years can be found here:
- *Students who wish to have their required internships for this accelerated track also count towards their psychology capstone requirement may do so. The internship experience will require extra work to be counted towards the psychology capstone.

B.S. IN PSYCHOLOGY OPTION WITH PATHWAY TO MASTER OF COUNSELING

The following plan provides an outline of possible coursework for a 3+2 program in which students complete all Psych BS major requirements and AOI coursework in their first 3 years at Drake Students flagged into the 3+2 program who and who are subsequently admitted into the SOE counseling program (specific criteria found here: https://catalog.drake.edu/graduate/schoolofeducation/admission/) begin taking Counseling courses after their 3rd year. A maximum of 30 hours in the Counseling program would count toward completion of the BS degree from Drake.

Course	**Credits**
PSY 001 - Introduction to Psychology (with lab)	4
PSY 011 - Introduction to Statistics for Psychology	4
PSY 013 - Research Methods	3
PSY 176 – Advanced Psychopathology	3
PSY 177 – Fundamentals of Clinical Psychology	3
PSY 192 – Counseling Internship*	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 076 - Abnormal 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.*	
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	3
Internship	
PSY 192 - Internship*	1-3
Drake Curriculum requirements (AOIs, Honors, Bulldog Foundations, etc.)	Varies
Electives	Varies

Total credits during first three years	99

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.
- Students must complete at least 28 upper level credits in any subject by the end of their third year to be considered for the accelerated track.
- Approved Psych xxx courses or cross-listed courses may serve as electives for the Counseling program.
- Students would complete the remaining 25 hours required, 12 of which need to be upper level, for the undergraduate degree during their fourth year. During their fourth year, they will start graduate level courses towards the counseling program, however those courses will count towards their undergraduate degree.
- Students accepted into the School of Education Masters in Counseling would start graduate level courses the summer after their third year at Drake to stay on track in the 3+2 program. Courses required for the Counseling Master's program to be completed in the remaining two years can be found here:
- *Students who wish to have their required internships for this accelerated track also count towards their psychology capstone requirement may do so. The internship experience will require extra work to be counted towards the psychology capstone.

Quantitative Economics

Program Options

- **Bachelor of Arts (B.A.)** with a major in Quantitative Economics - *offered by the College of Arts and Sciences*
- **Bachelor of Science in Business Administration (B.S.B.A.)** with a major in Quantitative Economics - *offered by the College of Business and Public Administration*

Mathematics and Computer Science department web site http://www.drake.edu/mathcs/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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 should enroll in 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.

B.A. Degree Requirements

Students who choose the B.A. degree must enroll in the College of Arts and Sciences

Course	**Credits**
Mathematics	
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
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 STAT 170 - Regression and Time Series	3
ECON 173 - Intermediate Microeconomic Analysis	3
ECON 174 - Intermediate Macroeconomic 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 - Seminar in Economics	3
MATH 191 - Mathematics Capstone	3
TOTAL	48.5

Religion

Program Options

- Bachelor of Arts (B.A.) with a major in Religion
- Religion minor

Philosophy and Religion department web site http://www.drake.edu/philrel/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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

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

Rhetoric, Media, and Social Change

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 http://www.drake.edu/scs/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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.

Course	**Credits**
Required Courses	
SCS 110 - Culture, Knowledge, Power	3
SCSR 024 - Rhetoric and Social Change	3
SCSR 060 - Media Culture and Communication	3

SCSR 124/ENG 039 - Texts, Images, Audiences 3

Select one course from each of the three areas below

Rhetoric

SCSA 150 - Language and Intersectionality 3
SCSR 073/ENG 037 - Public Speaking 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 129 - Speech Pedagogy 3
SCSR 180 - Postcolonial Rhetorics 3

Media

SCSR 104 - Rhetoric in Popular Culture 3
SCSR 106 - Aesthetics of Everyday Life 3
SCSR 108 - Imaging the City 3
SCSR 114 - Rhetorics of Race 3
SCSR 136 - Digital Storytelling 3
SCSR 144 - Visual Rhetorics 3
SCSR 145 - Public Feelings 3
SCSR 148 - Suburbia and Contemporary Film 3
SCSS 135 - Science and Society 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
SCSA 170 - Global Political Violence 3
SCSG 092 - Cultural Geography of Islam 3
SCSR 079 - Home: Dwelling and Belonging 3
SCSR 155 - Rhetorics and Space and Place 3
SCSS 138 - Constructing Normal 3
SCSS 150 - Ethics of Transnational Adoption 3
SCSS 151 - Criminology 3
SCSS 170 - Deviance 3

Advocacy

SCSR 055 - Environmental Communication 3 or 4
SCSR 102 - Culture Jamming 3
SCSR 128 - Argumentation and Advocacy 3
SCSR 142 - Political Communication 3
SCSS 020 - Introduction to Race and Ethnicity 3

SCSS 071 - Environmentalism in the United States	3
SCSS 072 - Global Social Change	3
SCSS 080 - Social Problems	3
SCSS 175 - Social Stratification	3
Electives - *Select three additional courses*	9
SCSR 199 - Senior Capstone Seminar	3
TOTAL	33

Rhetoric, Media, and Social Change Minor

Course	**Credits**
SCS 110 - Culture, Knowledge, Power	3
SCSR 024 - Rhetoric and Social Change	3
SCSR 060 - Media Culture and Communication	3
SCSR 124/ENG 039 - Texts, Images, Audiences	3
Select one course from each of the three areas below	
Rhetoric	
SCSA 150 - Language and Intersectionality	3
SCSR 073 - Public Speaking	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 129 - Speech Pedagogy	3
SCSR 180 - Postcolonial Rhetorics	3
Media	
SCSR 104 - Rhetoric in Popular Culture	3
SCSR 106 - Aesthetics of Everyday Life	3
SCSR 108 - Imaging the City	3
SCSR 114 - Rhetorics of Race	3
SCSR 136 - Digital Storytelling	3
SCSR 144 - Visual Rhetorics	3
SCSR 145 - Public Feelings	3
SCSR 148 - Suburbia and Contemporary Film	3
SCSS 135 - Science and Society	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
	SCSA 170 - Global Political Violence	3
	SCSG 092 - Cultural Geography of Islam	3
	SCSR 079 - Home: Dwelling and Belonging	3
	SCSR 155 - Rhetorics and Space and Place	3
	SCSS 138 - Constructing Normal	3
	SCSS 150 - Ethics of Transnational Adoption	3
	SCSS 151 - Criminology	3
	SCSS 170 - Deviance	3
Advocacy		
	SCSR 055 - Environmental Communication	3 or 4
	SCSR 102 - Culture Jamming	3
	SCSR 128 - Argumentation and Advocacy	3
	SCSR 142 - Political Communication	3
	SCSS 020 - Introduction to Race and Ethnicity	3
	SCSS 071 - Environmentalism in the United States	3
	SCSS 072 - Global Social Change	3
	SCSS 080 - Social Problems	3
	SCSS 175 - Social Stratification	3
TOTAL		21

Sociology

Program Options

- **Bachelor of Arts (B.A.)** with a major in Sociology
- **Sociology minor**

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

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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.

Course	**Credits**
SCSS 001 - Survey of Sociology	3
SCSS 042 - Sociological Inquiry	3
Select two theory-intensive courses from:	
SCS 110 - Culture, Knowledge, Power	3
SCSA 081 - Borders and Boundaries	3
SCSA 170 - Global Political Violence	3
SCSA 175 -Medical Anthropology	3
SCSA 180 - Ritual and Myth	3
SCSS 080 - Social Problems	3
SCSS 085 - Sociology of Everyday Life	3
SCSS 135 - Science and Society	3
SCSS 138 - Constructing Normal	3
SCSS 151 - Criminology	3
SCSS 170 - Deviance	3
SCSS 175 - Social Stratification	4
SCSS 176 - Documenting Lives	3
Select one research design course from:	
SCSA 046 - Anthropology of Religion	3
SCSA 078 - The Practice of Oral History	3
SCSA 150 - Language and Intersectionality	3
SCSA 153 - Documentary Video Challenge	3
SCSA 156 - Ethnographic Methods	3
SCSS 150 - Women and Work	3
SCSS 156 - Representing Race	3
SCSS 159 - Methods of Social Research	3
STAT 050 - Statistics for Social Sciences	3

Select 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 046 - Anthropology of Religion	3
SCSA 153 - Documentary Video Challenge	3
SCSA 175 - Medical Anthropology	3
SCSA 180 - Ritual and Myth	3
SCSS 076 - Sociology of Childhood	3
SCSS 146 - Restorative Justice	3
SCSS 156 - Representing Race	3
SCSS 179 - Sociology of Education	3
SCSS 199 - Senior Capstone Seminar	3
Select 15 additional credits in sociology	15
TOTAL	36

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, students still have the 6 hours allowance for anthropology beyond those hours.

For Sociology and Rhetoric, Media, and Social Change (RMSC) double majors: No more than nine hours may be counted towards ***both*** Sociology and RMSC, and students 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. Sociology majors may not earn a major in Anthropology-Sociology.

Sociology Minor

Required Courses	**Credits**
SCSS 001 - Survey of Sociology	3
SCSS 042 - Sociological Inquiry	3
Select 12 additional credits in sociology	12
TOTAL	18

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.

Spanish

Program Options

- **Bachelor of Arts (B.A.)** with a major in Spanish

World Languages and Cultures department web page https://www.drake.edu/wlc/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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
TOTAL	33

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.
https://catalog.drake.edu/undergraduate/collegeofartsandsciences/areas/wlc/

Spatial and Information Technology

Program Option

- **Spatial and Information Technology minor**

Environmental Science and Sustainability Department web site https://www.drake.edu/enss/

Mathematics and Computer Science Department web site https://www.drake.edu/math/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

Understanding the way that entities are organized in space is critical for identifying trends and opportunities is a vast range of fields, including business, marketing, politics, urban planning, landscape design, and the environmental sciences. This interdisciplinary minor introduces students to the tools of spatial analysis, such as Geographic Information Systems (GIS) and database management, that will allow them to produce the mapping, spatial visualization, and trend analysis required in an array of applications. Moreover, students will gain enough facility with coding to be able to develop their own tools or improve those currently available, allowing them to apply spatial analysis in new or specialized applications, and to keep up with a rapidly changing field.

The minor requires GIS through the intermediate level, basic computer coding using Python (the language of GIS applications), database management, and an advanced, hands-on GIS experience. This experience should allow students to develop their skills in a semester-long project, and also to focus their learning in an area in which they have a particular interest.

Program Requirements

Course	**Credits**
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
ENSS 065 - Introduction to Geographic Information Systems	3
ENSS 165 - Applications of Geographic Information Systems	3
IS 160 - Database Management	3
Advanced Geographic Information Systems Experience - *Consult advisor to plan an internship; independent study; research; or advanced, problem-based spatial technology course*	3
TOTAL	18

Studio Art

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 minors
  - Drawing
  - Painting
  - Printmaking

- Sculpture

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

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 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 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 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 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

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 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 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 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: 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 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

Studio Art Minors:
Drawing, Painting, Printmaking, or Sculpture

The minors in studio art are designed for those students outside the Department of Art and Design who want to engage with basic studio art practices. A 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

Theatre

Program Options

- **Bachelor of Arts (B.A.)** with a major in Theatre
- **Theatre minor**
- **Theatre-Directing minor**

Theatre Arts department web site http://www.drake.edu/theatre/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 - Stage 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.

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.

Theatre-Directing Minor

The Minor in Directing degree is only available to students in conjunction with either the B.A. or a B.F.A. 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	
TOTAL	26-27

Theatre - Acting

Program Option

- **Bachelor of Fine Arts (B.F.A.)** with a major in Theatre - Acting

Theatre Arts department web site http://www.drake.edu/theatre/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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

Program Option

- **Bachelor of Fine Arts (B.F.A.)** with a major in Theatre: Design & Technology
- **Theatre: Design & Technology Minor**

Theatre Arts department web site http://www.drake.edu/theatre/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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.\

Minor Requirements

The Design & Technology minor is designed for students who have an interest in theatre production and wish to enhance their course of study in combination with another major. Students are not required to pursue a theatre major in order to add the Design & Technology minor.

Course	Credits
Select one of the following	
THEA 005 - Readings in Theatre	3
THEA 076 - Introduction to the Theatre	3
THEA 030 - Stagecraft I and Lab	4
THEA 031 - Costuming and Lab	4
THEA 063 - Intro to Design	3
Select three of the following (9 credits)	
THEA 032 - Stage Makeup	3
THEA 062 - Stagecraft II	3
THEA 150 - Sound for the Theatre	3
THEA 161 - Sound Design	3
THEA 162 - Stage Lighting	3
THEA 163 - CADD for Theatre	3
THEA 181 - Advanced Costuming Technology	3
THEA 182 - Seminar in Advanced Design	3
THEA 183 - Scene Painting	3
THEA 184 - Costuming Design	3
THEA 124 - Technical Theatre Practicum - *three 1 credit experiences*	3
Total	26 credits

Theatre - Teacher Certification

Program Options

- **Bachelor of Fine Arts (B.F.A.)** with a major in Theatre - Teacher Certification

Theatre Arts department web site http://www.drake.edu/theatre/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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	103-106

Women's and Gender Studies

Program Option

- **Concentration in Women's and Gender Studies**

Women's and Gender Studies department web site http://www.drake.edu/wgs/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 124 - Topics: Victorian Secrets	3
ENG 126 - Feminism in Film	3
ENG 126 - Film History	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 Heath 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 125 - Peacebuilding and Post-Conflict Justice	3
POLS 127 - Global Health	3
POLS 176 - Gender and World Politics	3
PSY 137 - Psychology of Gender	3
REL 151 - Women and Hebrew Scriptures	3
REL 155 - Liberation & Feminist Theologies	3
SCS 143 - Speaking with Many Voices	3
SCS 146 - Gender and Culture in Islam	3
SCSA 025 - Anthropology of Religion: Living Islam in Des Moines	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 120 - Rhetorics of Sex and Gender	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

SCSS 020 - Introduction to Race and Ethnicity		3
SCSS 050 - Intimate Relations		3
SCSS 076 - Drugs and Society		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 - Constructing Normal		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 and Work		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
TOTAL	18	

*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.

World Languages and Cultures

Program Options

- degree with a major in Spanish
- **Minor in Spanish Language and Culture**
- **Minors in Arabic*, Chinese, French, German, or Japanese Language and Culture**

World Languages and Cultures department web site http://www.drake.edu/wlc/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The program currently offers the following languages: American Sign Language, Arabic, Chinese, French, German, Italian, Japanese, and Spanish. The faculty of the program mentor students as they gain functional competence in a language other than English, develop cultural understanding, and become responsible global citizens. Students prepare to study or live abroad, enhance professional development, and pursue personal interests while working alongside the faculty and, in most courses, native speakers who lead conversationally focused sessions.

MINOR IN Spanish LANGUAGE AND CULTURE

Requirement	**Credits**
15 hours in Spanish at or above SPAN 051	15
WLC 148 - Intercultural Communication	3
Choose one of the Following	
One elective course taught in English that is related to the culture of Latin America and/or Spain	3
An additional upper-level course in Spanish, at or above SPAN 150	3
Total	21

* A minimum of 12 hours in Spanish coursework must be completed at Drake

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Minors in Arabic*, Chinese*, French, German, or Japanese language and Culture

Requirement	**Credits**
12 hours in the chosen language, LANG 001 and above**	12
9 hours from the following areas: art, economics, English, history, marketing, music, philosophy, religion, political science, study of culture and society, and world languages and cultures. Courses in other areas may be approved by a WLC advisor. The following courses are approved for the minor:	9

ECON 135 - Developing Economies
ENG 066 - Reading Race & Ethnicity
ENG 083 - English in America: Language, Citizenship, and Identity
ENG 163 -Transcultural Literature
ENG 164/WGS 111 - Latino/a Literature
HIST 123 - Modern Mexico
HIST 124 - Aztecs Incas Mayas
HIST 125 - Colonial Latin America
HIST 126 -Modern Latin America
HIST 156 - Sex, Power, and War - Aztec Empire
HONR 073/WLC 150 - U.S. Latino Language and Cultures
ACTS 198/JMC 199 - Family, Lifestyles, Annuity Tables
COUN 145/245 - Counseling Diverse Populations: Brazil
SCSS 196/WLC 196 - Contemporary Urban Mexico
SPAN 140 - Spanish Practical Speaking & Writing
SPAN 150 - Spanish Language & Culture Topics
SPAN 151 - National Identity in a Transitional Age
SPAN 152 - Film
SPAN 153 - Culture and Society

SPAN 154 - Cultural Health Perspectives	
SPAN 155 - Spanish for Business	
SPAN 160 - Spanish Literature	
SCSA 002 - Introduction to Cultural Anthropology	
SCSA 150 - Migrant Oral History	
SCSA 150 - U.S.-Mexico Borderlands	
SCSA 156 - Ethnographic Methods	
SCSS 155 - Global Youth Studies	
WLC 148 - Intercultural Communication	
WLC 150 - The Other Side of the Wall: The Presence and Effects of American Culture in Mexico	
Total	21

* Due to the changing nature of course offerings, students in Arabic and Chinese may need to incorporate study abroad into their experience in order to fulfill the requirements of the minor.

** At least 9 credits of these must be taken at Drake; more than 12 credits is encouraged

Writing

Program Options

- **Bachelor of Arts (B.A.)** with a major in Writing
- **Writing minor**

English department web site http://www.drake.edu/english/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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**
Lower Division Core	
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
Upper Division Writing Courses - *Select at least nine credits from the list below*	
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 ENG 196 - Capstone in Writing	3
TOTAL	38-41

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.

Students majoring in English may not minor in writing; students may not double-minor in English and writing.

Course	**Credits**
ENG 038 - Literary Study	4
ENG 039 - Writing Seminar	4
Select one from the following	
ENG 086 - Reading and Writing Sexuality	4

Course	Credits
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
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
TOTAL	20-21

Zoo and Conservation Science

Program Option

- **Zoo and Conservation Science Concentration**

Environmental Science and Policy department home page http://www.drake.edu/enss/

Psychology & Neuroscience department home page http://www.drake.edu/psychology/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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 and the Ape Cognition and Conservation Initiative, 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.

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 026L/ENSS 026 - Ethological Methods	3
BIO 128L/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 018/18L - Anatomy & Physiology with lab	4

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
TOTAL	52

Spanish for the Medical and Health Professions

Program Options

- Spanish for the Medical and Health Professions Minor

World Languages and Cultures department web page https://www.drake.edu/wlc/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The Minor in Spanish for the Medical and Health Professions assists students interested in pursuing careers in medicine and various health professions, including public health, , pharmacy, and other areas in developing linguistic and cultural competencies related to Spanish and the cultures of Spanish-speaking countries. These competencies will assist them in providing services to Spanish-speaking patients and co-workers.

Minor Requirements

A minimum of 18 hours will be required for the minor. Students must have completed SPAN 052 or higher in order to take these courses.

Course	Credits
The required core courses include (three credit hours each)	12
SPAN 135 - Medical Terminology	3
SPAN 136 - Basic Methods of Bilingual Medical Interpreting	3
SPAN 137 Spanish for Healthcare Professionals	3
SPAN 154 - Cultural Health Perspectives	3
Electives	6
BIO 092 – Introduction to Ethnobotany	3
BIO 196 - Biology Internship – with Spanish competence necessary	3
HIST 189 - US-Mexico Borderlands	3
HSCI 104 - Global Health	3
PHAR 285 - Rotations*	3
SCSA 175 - Medical Anthropology	3
SPAN 138 - Spanish for Medical Professionals	3
SPAN 139 - Applied Spanish Medical Terminology	3
SPAN 153 - Culture and Society – focus on Maya	3
WLC 148 - Intercultural Communication	3
other upper-level Spanish courses numbered 150 and above	3
additional courses approved by a WLC advisor	3
TOTAL	18

Six elective credit hours are required. Each course is three-credit hours. No more than three credit hours may be in English.

* Students must have a CPHS-approved rotation at Primary Health Care in which they use Spanish in order to earn three hours of credit toward the Certificate.

Students *may not* receive both the Minor in Spanish for the Health Professions *and* the Minor in Spanish Language and Culture. The Minor in Spanish for the Health Professions *may* be earned in conjunction with the Major in Spanish.

Arts and Sciences and Law 3+3

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

PROGRAM OVERVIEW

The Arts and Sciences/Law Degree 3+3 Program is a joint degree program combining a bachelor's degree from the College of Arts & Sciences and a doctor of jurisprudence from the Law School in a six-year program. Students in the program apply for admission to the Law School during their junior year of their undergraduate work. Students admitted to the Law School, receive a bachelor's degree after successfully completing their first year of Law School. Students in this program complete the normal degree requirements for the College of Arts & Sciences, including all requirements for the Drake Curriculum and an undergraduate major. To declare an intent to pursue the Arts and Sciences/Law Degree 3+3 Program, please complete the Change of Records Request form found in your Student Records tab in my.Drake.edu

Degree Option

Under the 3+3 option, qualified students in the College of Arts & Sciences may complete both the bachelor's degree and doctor of jurisprudence requirements within six years. Through the program, participants complete nearly all requirements for their undergraduate degree in the first three years, and if accepted into the Law School, finish their requirements for their undergraduate degree during the first year of law school.

Academic Preparation

An undergraduate major in the College of Arts and Sciences lays an ideal foundation for the study and practice of law. Through the major coursework and Drake Curriculum, students will develop the ability to think analytically and critically, read widely and well, and communicate effectively, all of which will be crucial to a career in the legal field. Students work closely with their academic advisors to create an academic plan that allows them to achieve their personal and professional goals.

Drake Law School has proven connections to the bench and bar. The law school is one of four federally endowed law schools in constitutional law and also specializes in agriculture and food law, legislative practice and children's rights. Alumni pursue private practice and public service.

Pathway Credit Requirements

During the first three years, 3+3 participants in the College of Arts and Sciences must:

Requirement	**Credits**
Complete all requirements for a major in the College of Arts and Sciences	Varies
Complete all Drake Curriculum requirements (AOI or Honors track, First Year Seminar (FYS), Blueprint for Success, Diversity, Equity and Inclusion designated course, and Upper Level courses – at least 40 credits of courses numbered 100 and above)	Varies
Electives at the undergraduate level	Varies
TOTAL during first three years	90*
Electives - Satisfied by first-year Law School courses	20
TOTAL	120

* Of the at least 90 total credits required, no fewer than 40 credits must be in courses numbered 100 and above.

Once a student has successfully completed Law School courses necessary to fulfill the required 120 hours of coursework for the bachelor's degree, the bachelor's degree will be awarded. A student may withdraw from the Arts and Sciences/3+3 law program at any time and complete his/her undergraduate study for the bachelor's degree.

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. 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 120 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 120 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 120-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.

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 Science Business Analytics (M.S.B.A.).

College NORTH STAR

A CBPA education is a force for good, contributing to the world's economy and to society.

College Promise

Our graduates will be equipped with the technical skills, business acumen, empathy, and experience necessary to innovate and lead in a globally complex, diverse, and dynamic world.

They will be:

- Proficient in their fields
- Data-driven, strategic, and innovative problem solvers
- Effective communicators
- Socially and ethically responsible leaders
- 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

Accounting

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/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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 in audit, tax and advisory in public accounting; cost control, budgeting, internal audit, financial reporting and analysis, and tax planning in both industry and the not-for-profit sector; and as auditors and financial managers in the public sector.

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 120 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.

An accounting major requires the following courses:

Course	Credit Hours
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
Accounting Major Courses	
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
TOTAL	78

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 120 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.

To graduate with an undergraduate joint major in accounting and finance, 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 an above, and a cumulative grade-point average of 2.00 or above for all 100-level accounting courses requited to complete the major.

A joint accounting-finance major requires the following courses:

Course	Credit Hours
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
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

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
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

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/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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
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 135 - Mathematical Statistics	3
ACTS 140 – Statistics for Risk Modeling	3
ACTS 150 - Life Insurance Mathematics I	3
ACTS 155 - Life Insurance Mathematics II, or ACTS 165 - Short-Term Actuarial Science II, or FIN 102 – Advanced Corporate Finance, or FIN 121 – Introduction to Derivatives, or MATH 100 – Calculus III, 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
INS 051 – Principles of Insurance	3
STAT 040 - Introduction to R and SAS	3
STAT 170 - Regression and Time Series	3
TOTAL	85

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.

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
Actuarial Science Courses Required for Actuarial Science - Finance Joint Major	
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 135 - Mathematical Statistics	3
ACTS 140 – Statistics for Risk Modeling	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
STAT 040 - Introduction to R and SAS	3
STAT 170 - Regression and Time Series	3
Finance Courses Required for Actuarial Science - Finance Joint Major	
ECON 010 - Principles of Macroeconomics	3
FIN 102 - Advanced Corporate Finance	3
FIN 121 – Introduction to Derivatives	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

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:

Course	Credits
MATH 050 – Calculus I	3
MATH 070 – Calculus II	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 140 – Statistics for Risk Modeling, or ACTS 161 – Short-Term Actuarial Math I	3
ACTS 135 – Mathematical Statistics, or ACTS 150 – Life Insurance Mathematics I	3
INS 051 – Personal Risk Management	3
TOTAL	22

Business Studies

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/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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).	
Select 9 credits from ACCT, ACTS, BLAW, BUS, ECON, ENTR, FIN, INS, IS, MGMT, MKTG, or STAT (beyond the core)	
TOTAL	72

- 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
- A GPA of 2.00 or higher is required in all business 100-level courses

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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
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	23

A GPA of 2.00 or above must be achieved in the courses in the minor to complete the minor.

Data Analytics

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/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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.*

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
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, or STAT 130 - Probability for Analytics	3
STAT 072 - Statistics II, or ACTS 135 - Mathematical Statistics	3
Data Analytics Major Courses	
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 – Introduction to Probability + lab	3 3.5
STAT 040 - Introduction to R and SAS	3
STAT 170 – Regression and Time Series	3
STAT 172 –Generalized Linear Models and Data Mining	3
STAT/CS 190 – Capstone: Case Studies in Data Analytics and Big Data	3
TOTAL	89

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, or STAT 130 - Probability for Analytics	3
STAT 072 - Statistics II, or ACTS 135 - Mathematical Statistics	3
TOTAL	20

Economics

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 **http://www.drake.edu/economics/**

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 MATH 050 - Calculus I	3 3
STAT 071 - Statistics I	3

STAT 072 - Statistics II	3
TOTAL	39

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**
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
Economics Major Courses	
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
TOTAL	75

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	9
MATH 028 - Business Calculus, or	3
MATH 050 - Calculus I	3
TOTAL	21

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

Program Options

- **Entrepreneurship minor**

Entrepreneurial Management web site http://www.drake.edu/eship/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The entrepreneurship minor is designed for students who 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.

Entrepreneurship Minor Requirements

Course	Credits
ENTR 101 – Introduction to Entrepreneurship	3
ENTR 150 - The Business Model	3
ENTR 190 - Creating a Company	3
MKTG 102 - Professional Selling	3
Six credits selected in consultation with your advisor and approved by the entrepreneurship faculty.	6
TOTAL	19

Finance

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 http://www.drake.edu/finance/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 core courses in the finance major and fulfill additional elective 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

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; at least 3 credits must be from finance electives

Finance Electives (3~9 Credits; must choose at least one 100-level finance course)

FIN 129 - Financial Institutions Management	3
FIN 150 - Introduction to FinTech	3
FIN 190 - Equity Valuation and Analysis	3
FIN 198 - Special Topics in Finance	3

Career Track Electives (0~6 Credits)

Financial Data Analytics

ECON 170 - Introduction to Econometrics	3
IS 107 - Programming and Application Development	3
IS 114 - Advanced IT Applications for Business	3
IS 160 - Database Management	3
CS 167 - Machine Learning	3
STAT 130 - Probability for Analytics	3
STAT 170 - Regression and Time Series	3
STAT 172 - Data Mining/General Linear Models	3

Investment Analytics/Asset Management

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

Personal Financial Planning

ACCT 185 - Individual Taxation	3
BLAW 120 - Business Law II	3

ECON 109 - Public Economics	3
INS 051 - Personal Risk Management	3
INS 141 - Business Risk Management	3
Financial Institutions Management	
BLAW 180 - Legal Issues/Bus Organizations	3
ECON 120 - Regulation & Antitrust Policy	3
INS 141 - Business Risk Management	3
INS 161 - Insurance Company Operations	3
Corporate Finance/Corporate Treasury	
ACCT 110 - Managerial Accounting	3
ACCT 120 - Advanced Managerial Accounting	3
ACCT 175 - Auditing Principles	3
ECON 174 - Intermediate Macroecon Analysis	3
TOTAL	78

Note: There are additional prerequisites to take CS 167, STAT 130/170/172:

CS 167: CS 65 and one of CS 66 or STAT 40

STAT 130: STAT 40 & MATH 70

STAT 170: STAT 40 and one of [STAT 72, STAT 130, ACTS 135 or ACTS 141]

STAT 172: STAT 40, MATH 70, STAT 170 & one of [STAT 130 or ACTS 131]

Actuarial Science - Finance Joint 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
MGMT 110 - Organizational Behavior	3
MGMT 120 - Management of Operations	3

MKTG 101 - Marketing Principles	3
Actuarial Science Courses Required for Actuarial Science - Finance Joint Major	
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

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 STAT 071 – Statistics I	3
ACTS 135 – Mathematical Statistics, or STAT 072 – Statistics II	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
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

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 121 - Introduction to Derivatives	3
FIN 129 - Financial Institutions Management	3
FIN 150 - Introduction to FinTech	3
FIN 170 - International Finance	3
FIN 190 - Equity Valuation and Analysis	3
FIN 193 - Portfolio Analysis	3

FIN 198 - Special Topics in Finance	3

Information Systems

Program Options

- **Bachelor of Science in Business Administration (B.S.B.A.)** with a major in Information Systems
- **Information Systems minor**

Information Systems department web site https://www.drake.edu/informationsystems/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

Information Systems 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
STAT 071 - Statistics I, or ACTS 131 - Introduction to Probability I	3
STAT 072 - Statistics II, or ACTS 135 - Mathematical Statistics	3
Information Systems Major Courses	
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 164 – Project 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 BLAW 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
TOTAL	74

All candidates also must satisfy the requirements of the Drake Curriculum.

Information Systems Minor Requirements

The Information Systems minor is available for all undergraduate students who meet the following course requirements

Course	**Credits**
IS 044 - Microsoft Office Tools for Business Analysis	2
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 9 credits from the following	

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	23

International Business

Program Options

- **Bachelor of Science in Business Administration (B.S.B.A.)** with a major in International Business

International Business web site http://www.drake.edu/internationalbusiness/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 3
Three additional elective courses chosen from	
ECON 130 - International Economics, ECON 131 - China's Economy, or ECON 135 - Developing Economies	3 3 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
TOTAL	75

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.

Law and Business

Program Options

- **Bachelor of Science in Business Administration (B.S.B.A) with a major in Business Law**
- **Business-Law 3+3 program**
- **Law and Business minor**

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Business Law Major Program Overview

The Business Law major is designed for students who are interested in developing expertise on the legal and regulatory climate that affects business decisions. Coursework emphasizes a systematic framework for analyzing statutes, regulations, case law, contracts, and policy while considering corresponding business risks and liabilities. Students will develop superior problem-solving and analytical skills alongside strong communication skills so that they can interpret and explain complex information both verbally and in writing.

This major will appeal to those with an interest in how businesses operate in an increasingly complex and dynamic legal environment. Many graduates of this program will enroll directly in law school, but they are just as likely to immediately begin a career in human resources, compliance, risk management, insurance, banking, securities, real estate, or any other highly regulated industry.

Business Law 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
Business Law Major Courses	
BLAW 120 - Business Law II	3
BLAW 180 – Legal Issues of Business Organizations	3
ACCT 185 Individual Taxation	3
INS 141 Business Risk Management	3
Choose three of the following CBPA courses	
ACCT 186 - Business Entity Taxation	3
BLAW 190 - Legal Topics/Current Interest	3
BUS 090 Introduction to Business Ethics	3
ECON 105 Money & Banking	3
ECON 109 Public Economics	3
ECON 115 Labor Economics	3
ECON 120 - Regulation & Anti-Trust Policy	3
ENTR 101 Introduction to Entrepreneurship	3
ENTR 150 Entrepreneurship-The Business Model	3
FIN 129 Financial Institutions Management	3
INS 161 Insurance Company Operations	3
IS 083 Information Technology Law & Ethics	3
MGMT 182 Human Resource Management	3
MGMT 186 Compensation and Benefits	3
Choose one of the following courses to enhance skills in writing and/or logic	
BUS 120 Communication Leadership for Virtual Teams	3
BUS 122 Practicum in Leadership Communication	3
Any ENG 100 level course	3
JMC 138 Public Affairs and Advocacy	3
PHIL 114/CS 114 Symbolic Logic	3
PHIL 120 Language & Interpretation	3
SCSR 128 Argumentation & Advocacy	3
Choose one of the following courses for additional exposure to legal topics outside of the CBPA	
ENSS 138 Water Resources and Policy	3
HSCI 108 Intro to U.S. Health Care Policy	3
JMC 104 Communication Law & Ethics	3
LIBR 099 Copyright Issues in the U.S.	3
LPS 100 Perspectives of Constitutional Law	3
LPS 133 Drugs, Law, and Society	3
LPS 135 Special Topics in Law, Politics, and Society	3
LPS 138 Reproductive Law & Politics in the U.S.	3
POLS 130 State & Local Government	3

POLS 153 Judicial Politics	3
POLS 170 International Law	3
POLS 190 Seminar in Constitutional Law	3

Program Overview

With the Business/Law 3+3 program, students may choose any major within the College of Business and Public Administration as their undergraduate major, but must satisfy all major requirements in their first three years with the exception of the 124 120 hour graduation requirement. Students save their elective hours to use in the first year of law school.

Business-Law 3+3 Program 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
Business Major Courses - *Courses depend on the chosen major*	
Electives - *Satisfied by first-year Law School courses*	
TOTAL	varies

Law and Business Minor Requirements

The Minor in Law and Business is available to all undergraduate students.

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 of 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
IS 083 – Information Technology Law and Ethics	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	

Management and Organizational Leadership

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 and Organizational Leadership web site https://www.drake.edu/management/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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	
PSY 001 - Introduction to Psychology (with lab)	4
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
MGMT 185 - Leading Teams and Organizations	3
Choose at least one track (9 credits)	9
Organizational Sustainability & Resiliency:	
Choose three: ACCT 110; MGMT 198; IS 160; IS 161; IS 164; ENSS 108; ENSS 151; ENSS 154	

Human Resource Management:

Choose three: (MGMT 133 or PSY 135); MGMT 186; ECON 115; INS 051; IS 164; 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*

Entrepreneurship

ENTR 101 - Introduction to Entrepreneurship

ENTR 150 - The Business Model

ENTR 190 - Creating a Company

TOTAL	76

Management Minor Requirements

Course	**Credits**
ACCT 041 – Intro to Financial Accounting	3
ECON 002	3
IS 044 – Microsoft Office Tools	2
MGMT 110 and MGMT 120	6
Choose three of the following:	
BUS 120 – Communication Leadership for Virtual Teams	3
BUS 122 – Practicum in Leadership Communication	3
MGMT 133 – Managing Diversity in the Workplace	3
MGMT 135 – Non-profit Management and Leadership	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
MGMT 185 - Leading Teams and Organizations	3
Complete one from each of the following:	
MATH 17 or higher	3
ACTS 135, BIO 099, PSY 011, STAT 050, 060, 072, 170	3
TOTAL	29

Marketing

Program Options

- **Bachelor of Science in Business Administration (B.S.B.A.)** with a major in Marketing
- **Marketing minor**

Marketing department web site http://www.drake.edu/marketing/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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, marketing management, marketing analytics and research, sales and sales management, and individualized. 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, and related positions.

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
MKTG 111 – Direct & Interactive Marketing	3
Select one from the following:	
ART 021, ART 114, IS 145, IS 160, JMC 058, JMC 085, JMC 117 or MKTG 102	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	
IS 160 - Database Management	3
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	
Individualized Track		
Choose three from the following:		
MKTG 102 - Professional Selling	3	
MKTG 104 - Sales Management	3	
MKTG 106 - Integrated Marketing Communications	3	
MKTG 111 – Direct & Interactive Marketing		3
MKTG 130 – Marketing Analytics		3
MKTG 170 – Global Marketing		3
MKTG 180 – New Product Marketing		3
TOTAL	72-75	

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**
BUS 073 – Business and Professional Communication	2
BUS 074 – Professional Written Communication	2
ECON 002 - Principles of Microeconomics	3
MKTG 101 - Marketing Principles	3
MKTG 115 - Consumer Behavior	3
MKTG 120 – Digital Marketing	3
PSY 001 - Introduction to Psychology (with lab)	4
Electives - *Select two from the following*	6
MKTG 102 - Professional Selling	3
MKTG 104 - Sales Management	3
MKTG 106 - Integrated Marketing Communications	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
TOTAL	26

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

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 http://www.drake.edu/economics/

Math and Computer Science department (within the College of Arts and Sciences) web site
http://www.drake.edu/mathcs/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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 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.)

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 050 – Calculus I	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
Quantitative Economics Major Courses	
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
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
ECON 010 - Principles of Macroeconomics	3
ECON 170 - Introduction to Econometrics, or STAT 170 - Regression and Time Series	3
ECON 173 - Intermediate Microeconomics Analysis	3
ECON 174 - Intermediate Macroeconomics Analysis	3
ECON 190 - Seminar in Economics	3
Electives - *Select two ECON courses numbered 100 or higher*	6
TOTAL	84.5

QUANTITATIVE ECONOMICS MAJOR REQUIREMENTS - BACHELOR OF ARTS

Course	**Credits**
Mathematics	
MATH 050 - Calculus I	3
MATH 070 - Calculus II	3
MATH 080 - Linear Algebra	3
MATH 100 - Calculus III	3
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 STAT 170 - Regression and Time Series	3
ECON 173 - Intermediate Microeconomic Analysis	3
ECON 174 - Intermediate Macroeconomic 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 - Seminar in Economics	3
MATH 191 - Mathematics Capstone	3
TOTAL	48.5

Requirements for Risk Management and Insurance Minor

Program Option

- **Risk Management and Insurance Minor** - available to all undergraduate students

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The Risk Management and Insurance Minor is open to all undergraduate students. The minor prepares students to enter careers in the insurance industry or risk management. Students with this minor should be prepared to enter positions in underwriting, claims, marketing and risk management. Study of insurance also helps students interested in careers in other insurance company functions such as human resources, management, investments, actuarial science and accounting.

Requirements for Risk Management and Insurance Minor

Students can earn the minor by completing the following courses with a GPA of 2.0 or above:

Course	**Credits**
ACCT 041 – Introduction to Financial Accounting	3
INS 051 - Personal Risk Management	3
INS 141 - Business Risk Management	3
INS 161 - Insurance Company Operations	3
INS 180 - Operational Risk Management, or INS 190 - Case Studies in Insurance and Actuarial Science	3 3
STAT 071 - Statistics I	3
FIN 095 or Higher	3
TOTAL	21

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 or from the Associate Dean for Academic Affairs. http://www.drake.edu/cbpa/

Graduation Requirements

Candidates qualifying for the degree of Bachelor of Science in Business Administration (B.S.B.A.) must complete 120 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 2.00 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.

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.

Course	**Credits**
FYS 001-099 - First Year Seminar, or equivalent	3
INTD 025 – Blueprint for Success	1
MATH 028 - Business Calculus, or MATH 050 - Calculus I	3-4
Total	7-8

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.

School of Education

Mission

We prepare, support, and inspire our students to lead and serve in a constantly changing world.

Vision

Together we transform lives and strengthen communities.

Guiding Principals

Social Justice

We take the stance that everyone deserves equitable social, political, and economic rights and opportunities and collectively struggle to imagine and create a better world for all.

Innovation and Improvement

We take intelligent risks to create breakthrough improvement in results while strengthening core processes, practices, and outcomes in an iterative, systematic effort.

Reflective Practice

We actively seek to understand the connection among one's actions and experiences to self and practice to gain new knowledge and insights.

Collaboration

We collegially work together in establishing shared goals and completing action steps in ways that could not be accomplished alone.

Care for Self and Others

We promote and engage in the practice of supporting the physical and psychological health of ourselves and others.

Area of Study

Elementary Education

Program Option

- **Bachelor of Science in Education (B.S.E.)** with a major in Elementary Education

B.S.E. web site http://www.drake.edu/soe/undergraduate/elementary-ed/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 111 - Education Planning and Assessment*	3
SPED 120 - Introduction to Special Education*	3
EDUC 109 - Educational Technology*	3
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
EDUC 113 - Art Integration in Education	3
STEM 107 - Science Content & Pedagogy for Elem Teachers I	3
STEM 108 - Science Content & Pedagogy for Elem Teachers II	3
STEM 109 - Science Content & Pedagogy for Elem Teachers III	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 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
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
Student Teaching	
EDUC 163 - Seminar for Student Teaching	1
EDUC 166 - Student Teaching (Elementary)	11
EDUC 169 - E-Portfolio for Student Teaching	1
* For 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
- Computer Science
- 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)
- 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
- 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) http://www.drake.edu/soe/undergraduate/secondary-ed/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 164 - Perspectives on Race, Ethnicity, and Gender	3
SPED 120 - Introduction to Special Education*	3
EDUC 111 - Education Planning and Assessment*	3
EDUC 132 - Methods for Teaching Secondary School	3
EDUC 142 - Teaching Disciplinary Literature	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 163 - Seminar for Student Teaching	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
TOTAL	124

Approved primary endorsement areas are available in the following areas (grade levels 5-12 unless otherwise noted):

- Art
- Computer Science
- Economics
- 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:

- 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
- 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

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

Program Requirements

Undergraduate students can receive their degree in Elementary Education (K-6) or Secondary Education (5-12) 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 162 - Urban Education and Immigration	3
EDUC 277 - available only to graduate students	3
TOTAL	15

Adult Learning and Talent Development

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The Adult Learning and Talent Development minor is open to all majors. The minor is 18 credit hours and includes three TD courses and two electives in technology, digital media, graphic design, or website development.

Program Requirements

Course	Credits
TD 110 - Capstone Experience	3
TD 112 - Learning and Technology	3
TD 114 - Designing, Developing, and Facilitating Learning	3
Select one course from the following	
TD 113 - Performance Consulting	3
TD 115 - Needs Analysis and Evaluation	3
Select six credits from the pre-approved list below	
ART 021 - Digital Media	3
ART 050 - The Idea of Design	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
Any TD course not listed above	
Other course not listed above, must be approved by TD advisor	
TOTAL	18

Leadership Education and Development Minor

Program Options

Leadership Education and Development Minor **-** *Note: Prior to the spring 2021 semester, the Leadership Education and Development program was classified as a concentration. Effective spring 2021, the program was reclassified as a minor.*

Leadership Education and Development web site
https://www.drake.edu/academics/undergraduate/majors/leadership/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

Drake University offers an undergraduate, interdisciplinary minor in Leadership Education and Development open to all students from any academic major.

LEAD graduates will make significant contributions to Drake and their current and future communities of involvement by exemplifying ethical leadership. LEAD graduates will:

1. Know thyself and personify the leader-related knowledge, experience and language gained by the depth and breadth coverage of the LEAD minor (traditional and experiential classes).
2. Exhibit the confidence, competence, and character needed to lead individuals, teams, organizations, and communities for positive social change.
3. Understand and practice leadership as a collaborative, inclusive, and ethical process.
4. Typify, model, and teach the skills needed to convene, reflect, inquire, collaborate, empower, and act to improve life for students, citizens, and the larger society.
5. Exhibit the capacity to understand and work effectively with diverse individuals on-campus and throughout the world.
6. Be able to lead successfully through conflict with civility.

Admission Requirements

Students admitted to the minor will adhere to the following criteria:

1. Any student may enroll in the one credit hour leadership foundations course (LEAD 001) or the first three credit hour LEAD 050. This serves as an introduction to the requirements and expectations of the minor and as a means of testing his/her interest in enrolling in the minor. LEAD 001 and LEAD 050 are offered fall and spring terms.
2. Admission will follow the requirements of each college. A student may be admitted into the minor by completing the existing major/minor/concentration form used for academic programs.
3. A student will be admitted to the minor in Leadership Education and Development if s/he is in good academic standing within the College s/he is enrolled and has declared a major. Students on academic probation will be ineligible from enrolling in the minor until they are in good academic standing.
4. A student may be admitted into the minor when s/he has completed at least 15 credit hours toward a University degree with at least 12 credit-hours earned at Drake.
5. A student must declare the minor prior to the first semester of his/her Senior year.

Program Requirements

Course	**Credits**
LEAD 001 - Foundations of Leadership	1
LEAD 050 - Leadership: Theory to Practices	3
LEAD 060 - Leadership Experience	1
LEAD 100 - Leadership: Influence and Change	3
LEAD 190 - Capstone Practicum with Reflection	3
LEAD Elective (must be LEAD and/or LEAD cross-listed class)	3
Ethics or Global Elective	3
Leadership Elective	3
Total	20

International Teaching Minor

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The International Teaching Minor is for teacher education students who have an interest in student teaching abroad. This minor is rooted in the core courses of the teacher education program leading to teaching licensure. Students pursuing this minor develop special skills by combining international experiences, global perspectives, and the navigation of difference to complete unique form of teacher preparation.

Program Requirements

Course	Credits
Choose three of the following	
EDUC 103 - Foundations of Education	3
EDUC 108 - Student Development and Learning Theory	3
EDUC 109 - Educational Technology	3
EDUC 111 - Educational Planning and Assessment	3
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
SPED 120 - Introduction to Special Education	3
TESL 104 - Strategies for Teaching English Language Learners	3
Additional Requirements	
EDUC xxx - Special Methods Course (based on endorsements)	3
EDUC 199/299 - International Education	3
SPEC 127 - Student Teaching Aborad	0
Choose one of the following*	
XXXX ### - International Travel Seminar	3
XXXX ### - International/Intercultural Elective	3
Total	18

* Advisor Approval Required

Educational Studies Minor

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The Educational Studies minor is designed for any Drake student who has an interest in education but does not plan to be a teacher. You will learn about the history of teacher education and the educational system of the United States. Supplementing this knowledge, you will have the opportunity to fill out the minor with electives by choosing courses that match your interest in education.

The Educational Studies Minor allows you to gain valuable perspective regarding the field of education beyond that of being a student. Students pursuing this minor will develop a deeper understanding of teaching, learning, and schooling. This is a tremendous asset that will serve you as a parent, colleague, and community member.

Program Requirements

Course	Credits
Required Courses	
EDUC 103 - Foundations of Education	3
Choose two of the following	
EDUC 108 - Student Development and Learning Theory	3
EDUC 109 - Educational Technology	3
EDUC 111 - Educational Planning and Assessment	3
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
SPED 120 - Introduction to Special Education	3
Electives (Choose three additional courses from any of the following subject areas):	
EDUC ### - Education	3
SPED ### - Special Education	3
TESL ### - Teaching English as a Second Language	3
STEM ### - Science, Technology, Engineering & Math	3
Total	18

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.

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:

- Apply the principles and laws of freedom of speech and press, in a global context and in the United States.
- Demonstrate an understanding of the multicultural history and role of professionals and institutions in shaping communications.
- Demonstrate culturally proficient communication that empowers those traditionally disenfranchised in society, especially as grounded in race, ethnicity, gender, sexual orientation and ability, domestically and globally, across communication and media contexts.
- Present images and information effectively and creatively, using appropriate tools and technologies.
- Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve.
- Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity.
- Apply critical thinking skills in conducting research and evaluating information by methods appropriate to the communications professions in which they work.
- Effectively and correctly apply basic numerical and statistical concepts.
- Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
- Apply tools and technologies appropriate for the communications professions in which they work.
- Take ownership of their own academic experience.
- Be engaged with the community: the university, the local community and professional groups.
- 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.

Areas of Study

Advertising

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://www.drake.edu/advertising/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 2016.

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 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 and Regulations 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	

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 104 - Communication Law and Ethics	3
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 059 - Visual Communication Methods	3
JMC 076 - Advertising Principles	3
JMC 105 - Web Content and Development	3
JMC 113 - Consumer Culture	3
JMC 124 - Advertising Copy and Content	3
JMC 139 - Advertising Research and Planning	3
JMC 145 - Advertising Campaign Capstone	3
JMC 117 - Media Analytics and Insights, or JMC 141 - Advanced Strategic Messaging	3
Writing and Creation Elective (Choose One)	
JMC 067 - Digital Audio Writing and Production	3
JMC 070 - Media Editing	3
JMC 100 - Electronic Field Production	3
JMC 120 - Magazine Freelance Writing	3
JMC 123 - Public Relations Writing	3
JMC 161 - Magazine Staff Writing	3
JMC 168 = Advanced Reporting	3
MKTG 101 - Marketing Principles	3
PSY 001 - Introduction to Psychology	4
JMC Total Credit Hours	44
TOTAL	120

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 - Consumer Culture	3
JMC 124 - Advertising Copy and Content	3
JMC 139 - Advertising Research and Planning	3
JMC 145 - Advertising Campaign Capstone	3
JMC 057 - Video Production, or JMC 059 - Visual Communication Methods	3
JMC 117 - Media Analytics and Insights, or JMC 141 - Advanced Strategic Messaging	3
TOTAL	24

Communication

Program Options

- Bachelor of Arts in Journalism and Mass Communication (B.A.J.M.C.) with a major in Communication

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

Current students in the School of Journalism and Mass Communication (SJMC), who are within three semesters of graduation and having difficulties aligning their educational goals with any of our on-campus majors, may petition to pursue a Communication major. The proposed Communication major should be distinctive from current on-campus majors, while consisting of courses that meet the minimum Communication major requirements and support the student's future professional goals.

All petitions must be submitted prior to the first day of class for their last semester. Students will be given a decision within five business days of submitting their complete Communication Major Petition.

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
- A minimum of 15 upper-level SJMC credit hours

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.

Communication Major Requirements

Course	Credits
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 058 – Foundations of Visual Communication, or JMC 059 – Visual Communication Methods	3
JMC 104 - Law and Ethics	3
A minimum of one course from each SJMC curriculum focus area (Writing and Creation, Multimedia Skills, Research and Analytics, and Strategy and Execution)	12
One capstone experience (pre-reqs for the coordinating capstone are required)	
JMC 145 – Advertising Campaign Capstone	3
JMC 146 – PR Campaign Strategy	3
JMC 147 – SPC Capstone	3
JMC 159 – Online Communication Capstone	3
JMC 172 – Journalism Capstone	3
SJMC Electives	8-9
JMC Total Credit Hours	41
TOTAL	120

Digital Communication

Program Option

- **Bachelor of Arts in Journalism and Mass Communication (B.A.J.M.C.)** with a major in Digital Communication

Communication web page https://online.drake.edu/bachelor-of-arts-in-journalism-and-mass-communication/?_ga=2.10745908.1077562533.1676906240-2096934006.1654533366

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

This online journalism and communications degree is focused on honing communication skills, but also provides a comprehensive and balanced approach that encourages you to tailor your education to your career goals. Drake's customizable curriculum includes core online journalism courses in addition to public relations, advertising, social media, multimedia, and digital courses. You will graduate with in-demand expertise that will allow you to fast-track your career in a wide variety of fields, such as marketing, PR, advertising, journalism, and even non-profit or public policy.

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 sections of the catalog for additional information.

Digital Communication Major Requirements

Required courses for the Digital Communication major are as follows:

Course	**Credits**
School of Journalism and Mass Communication Core Courses	
JMC 030 - Mass Media in a Global Society	3
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 104 - Communication Law and Ethics	3
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 Communication Major Courses	
JMC 059 – Visual Communication Methods	3
Writing and Creation Elective (Choose Two)	
JMC 070 - Media Editing	3
JMC 161 - Magazine Staff Writing	3
JMC 107 - Persuasive Writing	3
Multimedia Elective (Choose One)	
JMC 068 - Video and Photo Storytelling	3
JMC 087 - Advanced Reporting for Print and Audio	3
JMC 105 - Web Page Design	3
JMC 137 - Applied Communication Capstone	3

JMC 144 - Cases in Ethical PR Practice	3
JMC 159 - Online Communication Capstone	3
Strategy and Execution Elective (Choose One)	
JMC 149 - Strategic Communication Planning	3
JMC 151 - Advanced Strategic Communication	3
JMC Total	44
TOTAL	120

Digital Media Production

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://www.drake.edu/digitalmedia/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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 2016.

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.

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	
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 104 - Communication Law and Ethics	3
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 059 - Visual Communication Methods	3
JMC 067 - Digital Audio Writing and Production	3
JMC 075 - Digital Photography	3
JMC 100 – Electronic Field Production	3
JMC 105 - Web Page Design	3
JMC 108 - Media Criticism	3
JMC 114 - Advanced Video Production, or JMC 116 - Documentary Production	3
JMC 150 - Editing and Motion Graphics	3
JMC 172 - Journalism Capstone	3
JMC TOTAL	44
TOTAL	120

Journalism Major / Law Degree 3+3

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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 may then count 21 to 24 Law School credit hours 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.

Required Credit Hours and Courses for a Major

Forty-four 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	
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 058 - Introduction to Visual Communication, or JMC 059 - Visual Communication Methods	3
JMC 104 - Communication Law and Ethics	3
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
Electives - Satisfied by first-year Law School courses	21-24
School of Journalism and Mass Communication Major Courses	44
TOTAL	120

Once a student has successfully completed Law School courses necessary to fulfill the required 120 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.

Magazine and Brand Media

Program Options

- **Bachelor of Arts in Journalism and Mass Communication (B.A.J.M.C.)** with a major in Magazine and Brand Media

Magazine and Brand Media web page https://www.drake.edu/magazinemedia/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The magazine and brand media 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 and brand media majors also work outside of classes on the nationally award-winning Drake Magazine.

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 2016.

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.

Magazine and Brand Media Major Requirements

Required courses for the Magazine and Brand Media major are as follows:

Course	**Credits**
School of Journalism and Mass Communication Core Courses	
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 104 - Communication Law and Ethics	3
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 and Brand Media Major Courses	
JMC 057 - Video Production	3
JMC 058 - Foundations of Visual Communication	3
JMC 070 - Media Editing	3
JMC 105 - Web Content and Development, or JMC 195 - App Design	3
JMC 119 - Brand Media Planning	3

JMC 172 - Journalism Capstone	3
Select three of the following	
JMC 103 - Public Affairs Reporting	3
JMC 120 - Magazine Freelance Writing	3
JMC 161 - Advanced Magaine Staff Writing	3
JMC 168 - Advanced Reporting for Print and Online	3
JMC 173 - Reporting for TV & The Web	3
JMC Electives (advisor approval)	3
JMC TOTAL	44
TOTAL	120

Magazine and Brand 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 104 - Communication Law and Ethics	3
JMC 119 - Brand Media Planning	3
JMC 055 - Digital Strategies	3
Upper-Level JMC Writing Elective (Choose One)	3
JMC 103 - Public Affairs Reporting	3
JMC 120 - Magazine Freelance Writing	3
JMC 161 - Magazine Staff Writing	3
JMC 168 - Advanced Reporting for Print and Online	3
TOTAL	21

Multimedia Journalism

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://www.drake.edu/multimedia-journalism/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 2016.

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.

Multimedia Journalism Major Requirements

Required courses for the Multimedia Journalism major are as follows:

Course	**Credits**
School of Journalism and Mass Communication Core Courses	
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 104 - Communication Law and Ethics	3
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
Multimedia Journalism Major Courses	
HIST 076 - America from 1877 to Present	3
JMC 057 - Video Production	3

JMC 058 - Foundations of Visual Communication	3
JMC 070 - Media Editing	3
JMC 100 - Electronic Field Production	3
JMC 105 - Web Content and Development, or JMC 195 - App 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
Select three of the following	
JMC 103 - Public Affairs Reporting	3
JMC 120 - Magazine Freelance Writing	3
JMC 161 - Advanced Magaine Staff Writing	3
JMC 168 - Advanced Reporting for Print and Online	3
JMC 173 - Reporting for TV & The Web	3
JMC Electives - *select with advisor*	5
JMC Total Credit Hours	44
TOTAL	120

Public Relations

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://www.drake.edu/pr/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program 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.

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 2016.

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.

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 up to a total of six credit hours throughout the entirety of the undergraduate experience, 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**
School of Journalism and Mass Communication Core Courses	
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 104 - Communication Law and Ethics	3
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
Public Relations Major Courses	
ECON 002 - Principles of Microeconomics	3
JMC 058 - Foundations of Visual Communication	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

JMC Electives, for 9 credit hours	9
MKTG 101 - Marketing Principles	3
MGMT 110 - Organizational Behavior	3
PSY 001 - Introduction to Psychology	4
JMC Total Credit Hours	44
TOTAL	120

Strategic Political Communication

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://www.drake.edu/strategicpoliticalcommunication/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program 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.

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 2016.

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.

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	
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 104 - Communication Law and Ethics	3
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 058 - Foundations of Visual Communication	3
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 131 - Political Campaign Management	3
JMC 147 - SPC Capstone	3
POLS 116 - Media and Modern Politics	3
POS 1XX - Any 100 Level POLS course (advisor approval required)	3
POLS 095 - Methods in Politics, or	3
SCSS 159 - Methods of Social Research, or	3
STAT 050 - Statistics for Social Science, or	3
STAT 071 - Statistics I	3
SCSR 128 - Argumentation and Advocacy, or	3
PHIL 090 - Ethics, or	3
PHIL 091 - Contemporary Ethical Problems	3
JMC Electives, for 9 credit hours	9
JMC Total Credit hours	44
TOTAL	120

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 120 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 six 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.

Students can substitute up to four credit hours of non-JMC credits for JMC requirements, if approved by the Academic Adjustment Committee, while still counting towards the 44 required JMC credit hours

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 120 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 120 total credit hours
- 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 section of the catalog for additional information.

All SJMC majors must successfully complete SJMC core and requirements for their major.

Course	**Credits**
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 104 - Communication Law and Ethics	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 (Blueprint for Success). 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.

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 for more information regarding the Drake Law School.

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.

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.

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.

Areas of Study

Doctor of 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 Health Informatics and Analytics
  - 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/#ADM

Regulations and Academic Requirements
https://catalog.drake.edu/undergraduate/cphs/areas/pharmd/#PHREGREQ

Doctor of Pharmacy web site http://www.drake.edu/pharmacy/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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%.

Pharmacy History

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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.

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.

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 Direct Admission, 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. Additional information is available at 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 not required for admission.

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) application. The PCAT is not required for admission to the professional program.

Additional information regarding the admission process for pre-pharmacy and professional programs can be viewed at www.drake.edu/pharmacy/pre-pharmacy/pre-pharmacyadmission/.

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.

Course	Credits
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
BIO 095 - Medical Microbiology	3
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

INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
PHAR 011 - CAPS I (Career, Academic & Professional Success)	1
PHAR 031 - CAPS II (Career, Academic & Professional Success)	1
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 149 - Immunizations	1
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	29
Pharmacy Professional Electives	5
Total	**211**

General Education Electives: Students complete the Drake Curriculum requirements and other credits for a total of 29 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: Five 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 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
BIO 095 - Medical Microbiology	3
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
INTD 025 - Bulldog Foundations	1

LAW --- - Law Courses	24
MATH 050 - Calculus I	3
PHAR 011 - CAPS I (Career, Academic & Professional Success)	1
PHAR 031 - CAPS II (Career, Academic & Professional Success)	1
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 149 - Immunizations	1
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	23
Total	**224**

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.

Course	**Credits**
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
BIO 095 - Medical Microbiology	3
BUS 200 - Seminar	1
BUS 200 - Seminar	1
BUS 205 - Dardis Communication Workshop (optional)	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
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
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)	1
PHAR 031 - CAPS II (Career, Academic & Professional Success)	1
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 149 - Immunizations	1
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	23
Total	**230**

Optional summer coursework

Students who wish to complete both degrees in the four professional years will need to plan to complete M.B.A. courses during the summer sessions. This program requires a careful selection of courses for the M.B.A. degree as electives in the pharmacy curriculum. Students may enroll in additional summer coursework or complete final M.B.A. courses after Pharm.D. 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 (5 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
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
BIO 095 - Medical Microbiology	3
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
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
MPA 2-- - MPA Courses	27
PHAR 011 - CAPS I (Career, Academic & Professional Success)	1
PHAR 031 - CAPS II (Career, Academic & Professional Success)	1
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 149 - Immunizations	1
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	23
Total	**227**

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 (5 cr) are satisfied by M.P.A. coursework.

Students may enroll in additional summer coursework or complete final MPA courses after PharmD completion. If the dual curriculum requires more than 18 credits 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 credits for the semester, they must request an "Over 18 Hours Request Form," which can be found in the Forms Library, and the additional course work will not qualify for an overload fee waiver.

M.P.A. Course List

- MPA 215 - Changing Environment and Management of Public and Nonprofit Management

- 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 three credits each. Students who wish to complete an M.P.A. area of emphasis should visit with an M.P.A. advisor, as this requires additional coursework.

Doctor of Pharmacy / Master of Science in Health Informatics and Analytics

Designed to maximize graduates' opportunities in the rapidly growing fields of healthcare informatics and data analytics, the PharmD/MS HIA dual degree program allows students the opportunity to complete HIA coursework in place of elective course work within the pharmacy curriculum. Students begin at Drake in pharmacy and apply to the Masters of Sciences in Health Informatics and Analytics Program during their first professional year or when they are nearing the completion of 90 credit hours.

Course	**Credits**
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
BIO 095 - Medical Microbiology	3
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
HLTH 266 - Healthcare Regulation, Law, and Advocacy	3
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 201 - Introduction to Health Informatics	3
HSCI 260 - Survey of Evidence Based Health Care	3
HSCI 285 - Practicum/Capstone	3
INTD 025 - Bulldog Foundations	1
IS 231 - Data Management and Visual Analytics	3
MATH 050 - Calculus I	3
PHAR 011 - CAPS I (Career, Academic & Professional Success)	1
PHAR 031 - CAPS II (Career, Academic & Professional Success)	1
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 149 - Immunizations	1
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
STAT 240 - Statistical Modeling	3
Drake Curriculum / General Electives	23
Pharmacy Professional Electives	6

HIA Coursework	12
Total	**236**

Following completion of 90 credits and admission to the M.S. H.I.A. program, students may enroll in M.S. H.I.A. coursework.

Students who wish to complete both degrees in the four professional years will need to plan to complete M.S. H.I.A. courses during the summer sessions. This program requires a careful selection of courses for the M.S H.I.A. degree as electives in the pharmacy curriculum. Students may enroll in additional summer coursework or complete final M.S. H.I.A. courses after PharmD completion. If the dual curriculum requires more than 18 credit hours in the fall or spring semesters, an overload 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 Forms Library, and the additional course work will not qualify for an overload fee waiver.

Students may choose a max of 3 (9 credits) of the following electives: IS 210/MDAL 210, IS 220/MDAL 220, STAT 260/MDAL 260, MBA 245, MBA 254, QUAN 270.

A total of 211 credits are required to complete the pharmacy degree.

Students will be expected to complete the Drake Curriculum requirements. Drake Curriculum requirements not fulfilled through required course work: Artistic Experience, Historical Foundations (2 courses), Global and Cultural Understanding, and Written Communication.

Professional Electives (5 cr.) are satisfied by MS HIA coursework.

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.

Course	**Credits**
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
BIO 095 - Medical Microbiology	3

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
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
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)	1
PHAR 031 - CAPS II (Career, Academic & Professional Success)	1
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 149 - Immunizations	1
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	23
Total	**224**

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.

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.

Course	Credits
BIO 012 - General Biology I lecture	3
BIO 012L - General Biology I lab	1
BIO 095 - Medical Microbiology	3
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
INTD 025 - Bulldog Foundations	1
MATH 050 - Calculus I	3
MPH 2-- - DMU MPH Courses	12
MPH 6-- - DMU MPH Courses	15
PHAR 011 - CAPS I (Career, Academic & Professional Success)	1
PHAR 031 - CAPS II (Career, Academic & Professional Success)	1
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 149 - Immunizations	1
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	23
Total	**227**

Professional electives required by the Pharm.D. program (5 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. 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 Graduae 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.

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 Literacy	
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	
SCSS - Specific courses as approved by the Associate Dean	
Courses offered through the Global and Comparative Public Health Concentration	
HSCI 142 - Community Health Education	
HSCI 143 - Epidemiology	
HSCI 144 - Introduction to Public Health	
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.

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.

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 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 Office of Student Affairs and Enrollment Services 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., H.S.H.I.A.) 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.

Health Sciences

Degree Options

- **Bachelor of Science (B.S.)**degree with a major in Health Sciences
  - Clinical and Applied Sciences track
  - Health Care Administration track
  - 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 / Juris Doctor
  - Health Care Administration / Master of Business Administration
  - Health Care Administration / Master of Public Administration
  - Health Care Administration / Master of Science in Health Informatics and Analytics
  - Health Care Administration / Master of Health Care Administration (Des Moines University)
  - Health Care Administration / Master of Public Health (Des Moines University)

Regulations and Academic Requirements https://catalog.drake.edu/undergraduate/cphs/areas/hsci/#REGREQ

Health Sciences web site http://www.drake.edu/hs/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

Program Overview

The Health Sciences curriculum is flexible in order to serve the needs of a variety of health care career interests. Students choose to focus their education according to one of two available tracks, depending on their areas of interest: Clinical and Applied Sciences or Health Care Administration & Public Health.

Clinical and Applied Sciences track students have the option for the Three to a Health Sciences Degree. This option allows students to complete their BS in Health Sciences - Clinical and Applied track in three years - an excellent option for students who plan to pursue post-graduate degree options like medical school, physical therapy, physicians' assistant and other masters or doctoral degrees.

Students in both tracks have the opportunity to complete additional academic opportunities that will add value to their Drake education. A variety of double majors, minors and concentrations can be added to any Health Sciences major.

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.

Requirements for Major

Health Sciences students must also complete the Drake Curriculum requirements in addition to the requirements for the major below. Students must declare a track by the end of their first semester.

Clinical and Applied Sciences Track

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 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	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 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

Public Health Track

Course	**Credits**
BIO 012 - Pre-Professional Biology I	3
BIO 012L - Pre-Professional Biology I lab	1
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	3
HSCI 102 - Health Economics	3
HSCI 105 - Values and Ethics in Health Sciences	3
HSCI 106 - Culture Care and Health Literature	3
HSCI 108 - Intro to US Health Care Policy	3
HSCI 125 - Physiology	3
HSCI 125L - Physiology Lab	1
HSCI 141 - Human Anatomy	3
HSCI 141L - Human Anatomy Lab	1
HSCI 143 - Introduction to Epidemiology	3
HSCI 144 - Introduction to Public Health	3
HSCI 146 - Human Development Across Lifespan	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
JMC 030 - Mass Media in a Global Society	3
MKTG 101 - Marketing Principles	3
PSY 001 - Introduction to Psychology	4

SCSS 001 - Survey of Sociology	3
SCSR 073 - Public Speaking	3
Professional Electives	12
General Electives	24
TOTAL	124

Students may declare a business minor after successful completion of ACCT 041. HSCI 102 does not apply to the business minor.

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 Office of Student Affairs and Enrollment Services 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 stuent will be required to complete HSCI 196 and HSCI 197 in consecutive fall and spring semesters. No ther 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.

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 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	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

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 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
TOTAL	124

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.

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	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.

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 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

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 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
TOTAL	141

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.

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	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.

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	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.

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	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

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	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
TOTAL	124

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 - Organiational 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 - Organiational 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.

Pre-Athletic Training

Degree Option

- **Bachelor of Science (B.S.)** with a degree in Health Sciences

Regulations and Academic Requirements

Pre-Athletic Training web site http://www.drake.edu/at/pre-athletictraining/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 - Intoruction 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 Literature	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	25
Professional Electives	16
Total	**96**

Program Notes

Professional Electives (min 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 Hlth Professionals – 3 cr.
- PHAR 132 – Pathophysiology – 3 cr.

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 Office of Student Affairs and Enrollment Services 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.

Pre-Occupational Therapy

Degree Option

- **Bachelor of Science (B.S.)** degree with a major in Health Sciences

Regulations and Academic Requirements https://catalog.drake.edu/undergraduate/cphs/areas/pre-ot/#REG

Pre-Occupational Therapy web site http://www.drake.edu/ot/pre-occupationaltherapy/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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.

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 - Issues in Health Sciences I	1.5
HSCI 025 - Issues in Health Sciences II	3
HSCI 055 - Issues in Health Sciences III	3
HSCI 095 - Medical Terminology	1
HSCI 105 - Issues in Health Sciences IV	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
PSY 042 - Child/Adolescent Psych	3
PSY 044 - Adult Development and Aging	3
PSY 076 - Abnormal Psychology	3
SCSR 073 - Public Speaking	3
STAT 060 - Statistics for the Life Sciences	3
General Electives	18
Professional Electives	23
Total	**122.5**

Professional Electives for the Pre-Occupational Therapy track (minimum of 15 credits):

Biomedical Science	Health Sciences Electives	Business Electives	Psychology Electives
BIO 095-199	EDUC 172	ACCT 040-199	LEAD 050-199

BIO 124	HSCI 100-199	BLAW 060-199	PSY 002-191 (Excluding:042, 044)
BIO 126	HSCI 140	ECON 002-199	PSY 030
BIO 133	HSCI 143	FIN 095-199	PSY 080
BIO 134	HSCI 145	MGMT 110-199	PSY 122
BIO 145	HSCI 148	MKTG 101-199	PSY 148
BIO 165	HSCI 149	SCSS 081	
CHEM 097-199	HSCI 150		
NSCI 001-199	PHAR 100-199		
PHY 012-199	PHAR 126		
PHY 189			

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.

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 are 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 Office of Student Affairs and Enrollment Services 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.

Global and Comparative Public Health

Program Option

- **Global and Comparative Public Health Concentration**

Global and Comparative Public Health web site
https://www.drake.edu/cphs/programs/minorsconcentrations/gcph/

The information on this page pertains to program requirements for students who matriculated in the 2022-2023 academic year. View requirements for previous catalog years here.

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 abojut 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.

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
Required Courses	9
HSCI 143 - Introduction to Epidemiology	3
HSCI 144 - Introduction to Public Health	3
POLS 127 - Global Health	3
Electives - choose at least one course from the Natural Sciences list and one course from the Social Science/Humanities list:	12
Natural Sciences	
BIO 021 - Biological Basis of Disease	3
BIO 092 - Introduction to Ethnobotany	3
BIO 108 - Emerging Infectious 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 - (*Local or international) 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.*

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.

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.

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.

4. Experiential credit may replace one elective course, but not more than one.

The following courses - open to Pharmacy students only - are pre-approved for 3 credits under experiential learning for GCPH elective credit under Natural Science:

- PHAR 285 Hillside Clinic - Belize
- PHAR 285 Pravara Institute of Medical Sciences - India
- PHAR 285 University of KwaZulu-Natal - South Africa

Total 21

Students may declare the concentration by filling out a form through their college administrative office.

John Dee Bright College

History and Character

The John Dee Bright College honors the legacy of Drake alumnus Johnny Bright, who graduated in 1952 with a bachelor's degree in education. After a successful career with the Canadian Football League, Bright became a beloved principal, teacher, and coach in Edmonton, Canada, where an elementary school now bears his name as testament to his impact as an educator there.

An all-around athlete who set 20 Drake records in football, basketball, and track, Bright is perhaps most famous for his prowess as a football halfback and quarterback. He was a clear favorite to win the 1952 Heisman Trophy when, in October, 1951, in what would become known as the "Johnny Bright Incident," he suffered a broken jaw from a vicious, racially motivated attack after a play at Oklahoma A&M (now Oklahoma State University). Bright, undaunted continued to practice and play—his jaws wired shut for weeks after the incident—and completed his degree, even though the injury ultimately would result in his finishing fifth in Heisman balloting in 1951.

Johnny's legacy of grit, resilience, and determination as an athlete lives on at Drake: In 2006, Drake named the Stadium's football gridiron "Johnny Bright Field." With the establishment of Bright College, which welcomed its first cohort in Fall 2021, the University honors Bright's complete legacy by celebrating his dedication to teaching and learning.

Planning for Bright College began in April, 2019, with the development of the innovative, high-impact, integrated, interdisciplinary curriculum that would become the cornerstone of the Bright College learning environment. Swift approval by Drake's Board of Trustees and the Higher Learning Commission, Drake's accrediting organization, in Spring, 2020, launched a year of implementation planning and student and faculty recruitment. Bright College was publicly announced on September 1, 2020, in a ceremony that featured Dwana Bradley, another Drake school of education alumna and then-president of the Des Moines school board, and Wayne Ford, who graduated Drake in 1975 and went on to a successful career in politics and public service in

Iowa. During the next eleven months, despite a global pandemic, the University marshalled the financial and human resources necessary to develop its programs and support services.

In these early years, Bright College has been led by its founding dean and a group of ten faculty members broadly representing the colleges, schools, and academic divisions of the University. Drake Faculty are invited to teach seminars and courses in Bright College based on their excellence as educators and their commitment to effective, innovative, student-centered and collaborative learning. The intensely collaborative, innovative, and forward-thinking dispositions Bright himself embodied on and off the field live on in the commitment to access, inclusion, and excellence demonstrated daily by the faculty, staff, and students of The John Dee Bright College and the many Drake alumni, donors, and community partners who have helped to bring it to life.

Mission

The John Dee Bright College at Drake University offers access to high-quality post-secondary education to those otherwise underserved by, or underrepresented in American higher education. Our students take an active, collaborative approach to learning as part of a community distinguished by interdisciplinarity, high-impact practices, and engagement in the world beyond college. They develop both foundational disciplinary knowledge and universally transferrable skills that will help them achieve their personal and professional aspirations.

Philosophy

Bright College is founded on the view that we learn best by doing. We prize collaborative, hands-on, engaged, problem- and challenge-based practices that connect coursework to live, relevant issues, problems, issues, questions, and topics in learners' lives and the world beyond campus.

This approach to learning works best when it takes place in a learning community, where each participant is motivated to advance the success of each individual in the group and of the group as a whole. The cohort model, in which students progress through the program together as part of a community of learners, puts collaboration and teamwork at the center of the learning environment, helping students develop skills that will sustain their professional success, personal aspirations, and lifelong learning.

We recognize that such an approach requires a high level of academic and non-academic support to ensure students develop the non-cognitive attributes necessary to engage in active learning and to connect their learning to their lives outside of college.

Finally, the Bright College approach derives from the observation that real life is interdisciplinary and that the responsibilities and challenges of professional success and personal fulfillment require an integrated mindset that allows individuals to see the world from numerous different perspectives at once.

Thus, our approach integrates interdisciplinarity; active learning; collaborative community-building; and wrap-around student support to provide a unique, immersive learning environment that allows students to develop an array of disciplinary, digital, and non-cognitive competencies.

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

Bright College offers two 2-year associates degrees: The Associate of Arts (AA) in Business, Organizational, and Professional Studies and the AA in the Integrated Arts, Sciences, and Humanities.

The Business, Organizational, and Professional Studies degree prepares students to enter the professional workforce in promotion-eligible positions in for-profit businesses and enterprises of all kinds where leadership, self-directedness, and high-level non-cognitive competencies are key to professional success and promotion.

The Integrated Arts, Sciences, and Humanities degree prepares graduates to enter public- and nonprofit-sector employment in the arts, environment, civil service, and community service organizations, professions where awareness of and sensitivity to the complex forces that shape culture are key.

Program Outcomes

Bright College offers its students opportunities to develop foundational disciplinary knowledges and skills integrated with transferrable non-cognitive habits of mind. Our graduates will be ready for the future world of work, for lifelong personal fulfillment, and for ongoing educational attainment.

Disciplinary Foundations

Drawing on the stated outcomes of the Drake University Areas of Inquiry, Bright College courses help students develop the following disciplinary knowledges and skills:

- Effective written and verbal communication
- Quantitative and Statistical Literacy
- Social and Cultural Literacy
- Natural Scientific Literacy
- Media and Information Literacy
- Historical Literacy
- Artistic Competency
- Intercultural Literacy
- Complex Systems Literacy
- Digital Competency

Along with disciplinary and interdisciplinary learning, Bright College students develop, practice, and refine higher-order habits of mind and dispositions with broad application and relevance to a wide range of professional and life goals. They include:

- Collaboration, Teamwork, and Conflict Resolution
- Creative Problem Solving
- Critical Thinking
- Ethical Reasoning
- Self-Efficacy and Resilience
- Decision-Making
- Adaptability and Flexibility
- Planning and Organization

A.A. Degree Requirements

Course	Credits
JBC 011: Dean's Hour I	0
JBC 015: Integrated Seminar in Communication and Cultural History*	0
JBC 012: Topics in Written Communication	4
JBC 013: Topics in US Cultural History	4
JBC 014: Topics in Identity Representation	4
JBC 025: Organizational Improvision	3
JBC 031: Dean's Hour II	0
JBC 035: Integrated Seminar in Media and Statistical Literacy*	0
JBC 032: Topics in Media Literacy	4
JBC 033: Topics in Information Literacy	4
JBC 034: Topics in Data and Statistical Literacy	4
JBC 045: Organizational Culture	6
JBC 051: Dean's Hour III	12
JBC 055: Integrated Seminar in Global Natural and Social Systems*	0
JBC 052: Topics in Global Natural Systems	4
JBC 053: Topics in Global Social Systems	4
JBC 054: Topics in Intro to Systems Theory	4
Choose one:	
JBC 111: Topics in Applied Arts, Sciences, and Humanities	3
JBC 121: Topics in Business Professions	3
Choose one set of courses:	
JBC 112: Arts, Science, and Humanities Employee Leadership Accountability **AND**	3
JBC 115: Culminating Practicum in the Integrated Arts, Sciences, and Humanities	9
or	
JBC 122: Business, Organization, and Professional Studies Employee Leadership Accountability **AND**	3
JBC 125: Culminating Practicum in Business, Organization, and Professional Studies	9

Course	Credits
Total Credit Hours	60

*The Integrated Seminar courses are comprised of three interrelated 4-credit disciplinary components.

Academic Regulations

Standard Course Load

The standard course load at Bright College consists of the following:

- 12 credit hours in the fall and spring semesters of the first and second year.
- 3 credit hours in the January term of the first and second year.
- 6 credit hours in the summer between the first and second year.

Additional Credits

In their first semester, Bright College students may enroll in one additional credit of undergraduate coursework at Drake, including university ensembles, and may audition for theatre productions.

Beginning in their second semester, Bright College students are eligible to enroll in up to four additional credits of undergraduate coursework at Drake. Bright College student registration will follow general undergraduate registration.

Repeated coursework (see below) will count against the allowable overload after the first semester and will require the payment of an administrative fee.

Transfer Students

The articulation of transfer credits will be made on a case-by-case basis.

Ordinarily, college credits earned at a fully accredited college or university in the United States can be applied to ongoing education at Drake following the completion of the Associate's Degree, but not to the completion of the Associate's Degree itself.

Depending on their prior coursework, however, students may be able to transfer twelve credits toward the first semester's required coursework in Bright College in order to start in January or spring, rather than August, of the first year.

To do so, those credits must comprise the topic areas of the first-semester seminar components:

- Written Communication
- Contemporary US History
- Race, ethnicity, identity, and/or immigration in the United States.

In extraordinary circumstances, the dean, in consultation with the registrar's office and faculty, may authorize exceptions to the transfer-credit area-of-study requirements above.

Students who transfer into the spring semester, rather than the first January term, will be required to take JBC 025 in the second January and pay the appropriate overload tuition and fees.

Part-Time Students

With the exception of students repeating a course or seminar component after all other degree requirements have been met, all students attending Bright College enroll on a full-time basis.

Grade Appeals Policy for John Dee Bright College Courses

A student who wishes to challenge the grading practices of an instructor for a course that is an John Dee Bright College may appeal for a change of their final grade, using the following guidelines and procedures.

Reason for Appeal

Students may appeal a final grade for one or more of the following reasons:

1. Procedural or clerical error by the instructor that had a negative impact on the student's grade.
2. The grading being arbitrary, capricious or outside accepted norms with resultant negative impact on the student's grade. *Possible examples: work is graded differently than stated in the rubric; final grades are calculated with a different method than stated on the syllabus, etc.*
3. The evaluation was of a different standard than that required of other students in the class, resulting in a negative impact on the student's grade. *Possible examples: some students were permitted to submit late work without penalty and others were not; extra credit opportunities were provided to some, but not all students, etc.*

If the student believes that the grade received is based upon discrimination, harassment, or related retaliation, as defined and prohibited by Drake policy, the student should initiate the complaint process set forth in the related policy: Non-Discrimination and Discriminatory Harassment Policy (Non-Sex-Based), or Sexual Harassment Policy.

To be clear, students may not appeal the final grade on the grounds that they disagree with the professional judgment of the instructor as to the quality of the students' performance or work or whether they met course standards.

Students must provide sufficient evidence to support how their appeal meets one or more of the grounds for appeal, and the inability to provide this evidence may result in dismissal of the appeal.

Timeline for Appeal

The student must initiate the appeals procedure with the instructor within ten (10) business days of the final grade submission due date as published by the Registrar. The appeal process is initiated by a student first seeking a resolution with the instructor.

We expect that most, if not all, appeals will be resolved between the student and their instructor. If the student and instructor reach an agreement at any step of the appeals process, the appeal has concluded and the grade may not be appealed again. If the student and instructor do not reach an agreement, the student may escalate the appeal by requesting a meeting at which the Dean, the instructor, and the student are present.

The student must make this request to the Dean within five days of the meeting they had with the instructor. At this meeting, the student will have the opportunity to explain their position and present relevant documentation that person. The Dean shall prepare a written summary of the issues and their findings of fact and shall determine the final resolution of the appeal based on the criteria listed above. The Dean will provide all parties with a final determination within 3 days of the meeting.

Steps in FYS or INTD Appeal	Student Appeals to Instructor	Instructor Responds & Meeting Takes Place	Student Appeals to Dean via Email	Meeting between Instructor, Student, Dean	Dean
Max # of Days	Within 10 days of final grades posted	Within 5 days	Within 5 days	Within 5 days	Within 3 days

Graduation Requirements

Candidates qualifying for the Associate of Arts degree must complete the following:

- Earn a minimum 60 credit hours
- Achieve a GPA of at least 2.0 and,
- Earn a passing grade in all credit-bearing courses in the sequence below.

Required Curriculum

Course Number	Course Catalog Name	Credit Hours	Term	Notes
JBC 011	Dean's Hour 1	0	Fall, year 1	
JBC 015	Integrated Seminar in Communication and Cultural History	12	Fall, year 1	Composed of three interrelated 4-credit disciplinary components
JBC 025	Organizational Improvisation	3	January, year 1	
JBC 031	Dean's Hour II	0	Spring, year 1	
JBC 035	Integrated Seminar in Media and Statistical Literacy	12	Spring, year 1	Composed of three interrelated 4-credit disciplinary components
JBC 045	Organizational Culture	6	Summer, year 1	
JBC 051	Dean's Hour III	0	Fall, year 2	

JBC 055	Integrated Seminar in Global Natural and Social Systems	12	Fall, year 2	Composed of three interrelated 4-credit disciplinary components
JBC 115 or JBC 125	Culminating Practicum in Business, Organization, and Professional Studies (115) *or* in the Integrated Arts, Sciences, and Humanities (125)	15	January and Spring, year 2	
		60		

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.

Continue to Course Descriptions.
https://registrationssb.drake.edu/StudentRegistrationSsb/ssb/term/termSelection?mode=courseSearch

Continue to Schedule of Classes.
https://registrationssb.drake.edu/StudentRegistrationSsb/ssb/term/termSelection?mode=search