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Undergraduate Catalog

2014-2015

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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. This strategic plan continues to be refined and updated. Under President Maxwell's leadership, the University has strengthened its financial position, ending the 2005-06 fiscal year with a modest budget surplus and with an endowment valued at \$131.5 million.

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 recent years Drake has been renovating classrooms, residence halls and science facilities. Drake Stadium, home of the Drake Relays since its opening in 1926, was completely renovated during 2005-06. The \$15 million project — finished just hours before the start of the 2006 Drake Relays — included new seating for fans, a Mondo surface track with a safety lane that meets international competition standards, a new throws venue to the north of the track for field events, a new scoreboard, and a state-of-the-art artificial grass field by FieldTurf large enough to accommodate Drake's NCAA football and men's and women's soccer teams. The improvements position Drake and Des Moines to bid for the NCAA Outdoor Track and Field Championships, along with AAU and USA Track and Field competitions. In fact, Drake was selected to host the men's and women's NCAA Track and Field Championships in 2008, 2011, and 2012.

The estimated economic impact of these events and the ongoing Drake Relays will be in excess of \$300 million over 10 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, Pharmacy and Health Sciences; the Schools of Education, Journalism and Mass Communication, and Law.

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.

Official Academic Calendar for 2014-2015:

Summer 2014

- May 19 (Mon.)
Summer term begins
- May 26 (Mon.)
Memorial Day (classes do not meet)
- July 4 (Fri.)
Independence Day (classes do not meet)
- Aug. 24 (Sun.)
Summer term ends

Fall 2014 (Non Law School)

- Aug. 25 (Mon.)
Fall term begins
- Aug. 29 (Fri.)
Last day to add a class
- Sept. 1 (Mon.)
Labor Day (classes do not meet)
- Sept. 8 (Mon.)
Last day to drop a class without a "W"
- Sept. 20-21 (Sat.-Sun.)
Parent/Family Weekend
- Oct. 13-14 (Mon.-Tues.)
Fall break
- Oct. 15 (Wed.)
Midpoint of semester
- Oct. 24-25 (Fri.-Sat.)
Homecoming Weekend
- Nov. 25 (Tues.)
Thanksgiving recess begins after evening classes
- Dec. 1 (Mon.)
Classes resume
- Dec. 5 (Fri.)
Day free for study
- Dec. 8-12 (Mon.-Fri.)
Final evaluation period

- Dec. 12 (Fri.)
Fall term ends
- Dec. 13 (Sat.)
Commencement

J-Term 2015

- Jan. 5 (Mon.)
Beginning of J-term
- Jan. 19 (Mon.)
Martin Luther King, Jr. Day (classes do not meet)
- Jan. 23 (Fri.)
End of J-term

Spring 2015 (Non Law School)

- Jan. 26 (Mon.)
Spring term begins
- Jan. 30 (Fri.)
Last day to add a class
- Feb. 6 (Fri.)
Last day to drop a class without a “W”
- Mar. 13 (Fri.)
Midpoint of semester
- Mar. 16-20 (Mon.-Fri.)
Spring break
- Apr. 23-25 (Thurs. - Sat.)
Drake Relays
- Apr. 24 (Fri.)
Classes dismissed at 1:50pm
- May 8 (Fri.)
Day free for study
- May 11-15 (Mon.-Fri.)
Final evaluation period
- May 15 (Fri.)
Spring term ends
- May 16 (Sat.)
Commencement

Dates for the Drake Law School are maintained by the [Law School](#).

Collegial Structure

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

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

Pre-professional programs in the College of Arts and Sciences meet requirements for admission to schools of church vocations, dentistry, engineering, law, medical technology, medicine, physical therapy and social work.

Drake University also offers master's degrees in accounting, business administration, education, communication leadership, financial management, public administration, and law, as well as the Doctor of Pharmacy, Doctor of Jurisprudence, and Doctor of Education degrees. The following joint degrees also are offered: MBA/JD, MBA/PharmD, MPA/JD, and MPA/PharmD.

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 2008.

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 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 as a Private Institution with the Minnesota Office of Higher Education pursuant to sections 136A.61 to 136A.71. Registration is not an endorsement of the institution. Credits earned at the institution may not transfer to all other institutions.

Undergraduate Admission

Campus Visits

Prospective students are invited to explore the educational opportunities at Drake University by arranging a campus visit. During an individual campus visit, students can meet with an admission counselor and tour the campus with a Drake student. During the week, prospective students may meet with faculty to discuss academic programs and major areas of interest or attend a class. Additional meetings may be arranged if requested when scheduling the appointment. The Office of Admission is open Monday through Friday from 8 a.m. to 4:30 p.m. year-round except holidays. Campus visits are also available on selected Saturdays in the fall and spring. Visitors are encouraged to schedule appointments two weeks in advance of their visit.

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

To schedule a visit or register to attend a specific visit program, please contact Drake's Office of Admission at 1-800-44-DRAKE, extension 2095, toll-free; please use 1-515-271-2095 to call locally and from outside the U.S. or visit the [admission web site](#).

Application For Admission

Application for admission to most undergraduate degree programs may be made for any fall, spring or summer term. The deadline for admission into the pre-pharmacy or PharmD programs is granted only in the fall term (see below for specific information). Applications may be obtained by contacting the Office of Admission, or through the Web site:

[Office of Admission](#)

Drake University
2507 University Avenue
Des Moines, IA 50311-4505 U.S.A
Toll-free: 1-800-44-DRAKE, extension 3181
Local/outside the United States: 1-515-271-3181
Fax: 1-515-271-2831
E-mail: admission@drake.edu
international@drake.edu

Students may choose to complete an undergraduate application by using one of three options, and each will receive equal consideration:

- Drake University Application for Undergraduate Admission – hardcopy paper application available upon request; \$25 application fee required.

- [Drake University Online Application](#) Drake University Online Application – \$25 application fee is waived for those who apply online.
- *The Common Application* – available at www.commonapp.org. Students should submit the *Common Application* following the appropriate deadline dates; \$25 application fee is waived for those who apply online via the *Common Application*.

Applications and all supporting documents should be on file in the Office of Admission by the following dates:

Application Deadlines

First-year and transfer students, for all undergraduate programs except pre-pharmacy and PharmD:

Fall Term: March 1 to receive priority consideration for admission, financial aid, scholarships and housing.

Spring term: December 1

Summer term: April 15

Applications submitted after March 1 will be considered on a space-available basis.

Pre-Pharmacy and PharmD applicants:

(Please note that health sciences applicants follow standard first-year and transfer application procedures.)

First-year pre-pharmacy students: December 1

Transfer PharmD students:

Admission consideration is only at the professional program level; pre-pharmacy admission is not available to transfer students. Applications are submitted through Pharmacy College Application Service (PharmCAS) at <http://www.pharmcas.org>. A supplemental application and fee are required.

The deadline for the PharmCAS application and supplemental application and fees: December 1.

Admission to Drake University is selective and considers the complete record of a candidate for admission. Since the University prefers students with varied talents and interests, there is no single and inflexible set of admission standards applied to all candidates for admission. Prospective students bring a variety of academic preparation; therefore, Drake reviews the full record of each candidate for admission and makes a decision based on the qualifications of each individual. Admission is granted without regard to sex, color, creed, religion, race, age, national or ethnic origin or disability. Drake University admits students without regard to sexual orientation, to all rights, privileges, programs and activities generally accorded to or made available to students at the University.

Beginning October 15, applicants to all programs of study, except to the pre-pharmacy and the PharmD programs, are notified of an admission decision within 4 to 6 weeks after all required materials have been received in the Office of Admission. Candidates for admission to Drake University should address all correspondence to:

Office of Admission
Drake University

2507 University Avenue
Des Moines, IA 50311-4505. U.S.A

First-year Student Non-Pre-Pharmacy Admission Requirements

High school seniors are admitted for the fall and spring semesters as well as the summer terms. Students are encouraged to apply for admission in the fall of the academic year. March 1 is the priority deadline for admission, financial aid, scholarships and housing; however, applications may be accepted after that date on a space-available basis.

Each completed application for admission is reviewed individually. Drake University considers this criterion to be important in evaluating qualifications for admission:

- The quality of preparation for college-level work achieved in high school in terms of coursework and grades. Each high school record is evaluated to determine potential to achieve academic success at Drake University.
- Satisfactory scores on the American College Test (ACT) or the Scholastic Aptitude Test (SAT).
- Evidence of involvement and leadership in activities.
- Written communication as demonstrated through a writing sample.

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.

First-year Student Pre-Pharmacy Admission Requirements

Health Sciences applicants follow standard first-year student application procedures. Admission to the pre-pharmacy program in the College of Pharmacy and Health Sciences (CPHS) is offered only for the fall term.

Applying for direct admission to the pre-pharmacy program within the CPHS differs from applying to all other undergraduate programs of study in two ways. There is a strict application deadline, and students are selected from a pool of applicants rather than on a rolling-admission basis. Admission may be granted directly to the College of Pharmacy and Health Sciences or to one of Drake's other colleges and schools.

- December 1 is the deadline for direct admission to the CPHS. The application and all required documents must be postmarked no later than December 1. All required documents must reach the Office of Admission no later than December 10. Notification of admission decisions for priority applicants is made in January.

First-Year Student Application Requirements

- Completed application for admission in any manner as described above.
- Official high school transcript.
- Official test scores from either the American College Test (ACT) or the Scholastic Aptitude Test (SAT).
- High School Report and Counselor Recommendation Form. A letter of recommendation from a high school teacher or guidance counselor also will be accepted.
- Writing sample is required.

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

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

Equivalency Diploma

Candidates for admission who are at least 18 years of age and hold equivalency diplomas issued by state departments of education are eligible for admission consideration. To be considered, candidates must submit an official transcript of all high school work attempted and a transcript of General Education Development (GED) or HiSET credentials. Prospective students who did not take an ACT or SAT examination while in high school or within four years of leaving high school should contact the Office of Admission.

Veterans and current members of the U.S. Armed Forces who have completed the GED, the Comprehensive College Test or the General Examinations of the College-Level Examination Program (CLEP) should apply to their state department of education for equivalency diplomas. Official certification should be sent by the state department of education directly to the Drake Office of Admission.

Transfer Student Non-pharmacy Admission Requirements

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 ("C") 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 must be in good academic standing at the last institution attended.

Although a student may be considered for admission to some programs with a minimum 2.0 CGPA, the following averages are, at a minimum, required for admission consideration to specific programs and majors:

Accounting	2.5 (at 42 hours)
Actuarial Science	2.5
Health Sciences	3.0
Journalism	2.25 (at 30 hours)
Professional Pharm.D. Program	3.0
Teacher Education	2.5 (at 60 hours)

Transfer students must request that a transcript bearing the official seal and signature of the official in charge of records be sent directly to Drake's Office of Admission by each college or university previously attended. Transcripts that have been in the student's possession are not considered official documents.

Transfer applicants are encouraged to submit the application for admission and all required documents by the following dates:

Term	Priority Filing	Final Deadline*
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Fall March 1 July 1
Spring December 1 December 1
Summer April 15 April 15

*After the final deadline, applications may be considered on an individual basis. For assistance, contact Admission by using 515-271-3181 or 1-800-44-DRAKE, x3181.

Transfer Student Non-pharmacy Application Requirements

- Completed application for admission in any manner as described above.
- Official transcripts from **all** postsecondary institutions attended for all terms, including summer.
- If fewer than 24 academic semester hours of successful college work have been completed at the point of application, transfer applicants also must submit final, official high school transcripts and ACT or SAT scores.
- An essay or personal statement is required of all applicants. Essay prompts are provided on the application. A paper written for a school assignment will not meet the essay requirement.
- 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.

A final, official transcript of **all** college work must be provided prior to enrollment.

A student suspended for academic or other reasons at another institution, or otherwise not in good standing, is not eligible for admission consideration, or enrollment in Drake University for one year following the imposition of the suspension.

Transfer applicants must request that **each** postsecondary institution previously attended send an official transcript of all work attempted directly to the Office of Admission. 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.

Transfer Student PharmD Application Requirements

Transfer students are considered for admission only to the professional level of the Doctor of Pharmacy (PharmD) program. Admission is not offered to transfer applicants at the pre-professional level. All professional-program applicants must complete an application through the Pharmacy College Application Service (PharmCAS) available at <http://www.pharmacas.org>. All PharmD applicants also must complete the Drake Supplemental Application and submit appropriate application fees. The Drake University undergraduate transfer admission application cannot be accepted for this program.

Drake's application deadline is December 1, 2014, for fall 2015 admission, and early application is strongly recommended. Applicants must complete the PCAT no later than January 2015, and scores must be submitted directly to PharmCAS at code [0104].

International Student Admission Requirements

Applications for admission to undergraduate degree programs are submitted to the Office of Admission. The priority deadline for scholarship and financial aid consideration for fall (August) admission is March 1. The

priority deadline for the spring (January) term is November 1. The pre-pharmacy and PharmD application deadline is December 1. Applicants should refer to the first-year and transfer-student sections for specific information on application guidelines and deadlines.

International undergraduate students are eligible for all merit scholarships awarded by the Office of Admission with the exception of National Merit Scholarships. Please refer to that section for detailed information about these awards. Students also are eligible to receive aid based on financial need. For more information, see the [Financial Aid](#) section of the catalog.

Applicants wishing to improve language proficiency before beginning an academic program may apply for admission to both an academic program as well as Drake's Intensive English Program. Drake offers conditional admission to all undergraduate programs of study at the undergraduate level (except pre-pharmacy) to applicants who meet the University's academic requirements but first need to improve their English. To enroll in Drake degree courses on a full-time basis, students must achieve a TOEFL score of at least 71 (iBT) or 530 (PBT). Students with scores between 54 and 71, or 480 and 530 may be approved to enroll in both degree courses and English classes, each on a part-time basis. Students whose TOEFL scores are less than 54 or 480 are asked to enroll in English classes on a full-time basis. The IELTS required score for full-time study is 6.0.

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.

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.

Part-Time Undergraduate Students Admission Requirements

A student enrolled in fewer than 10 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.

Transfer of Credit

Once a student is admitted, the Office of Admission coordinates the evaluation of official transcripts documenting previous college-level work completed.

Drake University considers full transfer credit for courses in which the applicant received a grade of "A," "B," "C" (where "C" is equal to 2.00), or the equivalent of "P" on a pass-fail system where "P" is specifically designated as indicating a quality of work no lower than "C" on a conventional grading scale.

Grades earned in courses accepted for transfer are not included in the GPA to be maintained at Drake University. The credits, however, do count toward the total number required for graduation. Because of differences in major requirements for various degrees, there is no assurance that all courses transferred will apply toward the college/school or major degree requirements.

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. Additional courses may be accepted for credit at the discretion of the dean of the Drake college or school in which a student is enrolled.

Credit may be granted for a combination of relevant work completed in (a) college-level non-degree, extension or correspondence courses offered through an accredited collegiate institution that accepts the credit for its own degree or (b) courses satisfactorily completed in non-collegiate organizations that are recommended at the baccalaureate level by the American Council on Education.

Students may be awarded credit for satisfactory scores in subject-matter tests of the College Level Examination Program. For more information, see the [AP, IB, CLEP Credit](#) section of the catalog.

Drake University accepts a maximum of 66 semester hours of transfer credit from two-year institutions if the courses completed are parallel to courses offered at Drake, appropriate for college-level credit or are in accordance with current course articulation agreements with a specific community college. A total of 16 semester hours of elective credit may be granted for career-technical courses at the discretion of the dean of the Drake college or school in which a student is enrolled.

A maximum of 94 semester hours of transfer credit may be applied to any Drake degree (with the exception of pharmacy students, where up to 179 hours of transfer credit may be applied). A maximum of 66 hours of acceptable college credit may be transferred from courses completed at two-year institutions as any part of the first 94 semester hours (179 hours for pharmacy) toward a bachelor's degree.

Transfer students must successfully complete their last 30 hours in residence at Drake University.

A course-by-course review of all courses attempted and completed is prepared for each admitted transfer student by his or her college or school. Students receive details on how to access their unofficial Drake transcript online along with contact information for their respective college or school. When final official transcripts are received for any additional courses completed after the point of admission, their Drake unofficial transcript is updated accordingly.

In consultation with the dean, transfer students may elect to satisfy either the major requirements outlined in the Drake catalog from the time of matriculation at the first college or the major requirements in the Drake catalog current at the time of transfer.

Unclassified Students (Non-degree)

A student interested in taking courses for academic credit but who is not seeking a degree is welcome to enroll as an unclassified student. Students who have been denied admission to Drake are not eligible to enroll as unclassified students without the permission of the Vice President of Admission and Student Financial Planning. Non-degree students (unclassified) are held to the same probation and suspension standards as admitted, degree-seeking students. Hours earned as an unclassified student may or may not apply toward a degree program.

Students enrolled as unclassified may not enroll in more than nine (9) credit hours per semester. Students seeking an exemption from this policy must request permission from the Vice President for Admission and Student Financial Planning.

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 bachelors degree. If the student does not intend to pursue a Drake degree, he/she may continue as an unclassified student. Unclassified 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.

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.

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.

Re-enrollment for Undergraduate Students

Degree-seeking full- or part-time undergraduates whose studies are interrupted for a period of one or more fall or spring semesters are required to submit an application for re-enrollment through the dean's office of the college or school of their last enrollment. Students are encouraged to begin the re-enrollment process at least two months prior to the beginning of the semester or summer session in which they intend to re-enroll. [Re-enrollment forms](#) are available from the Office of the Student Records and Academic Information. Returning students who intend to apply for financial assistance are encouraged to submit all required documents by March 1.

Re-enrolling students who have registered at other college(s) after leaving Drake must provide official transcripts from all institutions attended. Students must request that a transcript bearing the official seal and signature of the official in charge of records be sent directly to Drake's Student Records Office 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.

High School Visiting Student Program And Post-Secondary Enrollment Options Act (PSEO)

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. Students are eligible to take a maximum of two courses during the fall and spring semesters in day or evening courses and one course per summer session as visiting students at Drake University while completing their remaining high school graduation requirements. Enrollment in requested courses is subject to course availability. Students in the Visiting Student Program also may qualify under the Post-Secondary Enrollment Options Act for financial assistance.

To qualify as visiting students to take courses while still in 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 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 to this program must complete a Visiting Student Form, available in the Office of Admission or at their high schools, and receive approval from their school counselor.

Additional information is available on [the admission website](#).

Admission to Summer Sessions

Prospective students who want to begin a Drake degree program during the summer session must apply for admission through the Office of Admission. Students who wish to enroll in Drake summer courses for personal enrichment or for transfer to another institution may do so without formal admission to a Drake degree program. Please see information above regarding Unclassified (non-degree) enrollment.

Visiting Students

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 required to complete the request for registration as a non-degree seeking student available at the Office of Student Records. Visiting students are encouraged to seek course-by-course approval from their home institutions prior to registering for specific courses at Drake.

Students who want to attend Drake University beyond one summer session or fall or spring semester must submit the application for admission and required documents.

Scholarships and Financial Aid

Information on merit scholarships and financial aid is available on [the admission website](#).

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, 2014 postmark deadline.

Following Admission

Drake University supports the National Candidates Reply Date, which allows admitted students to choose without penalty among offers of admission and financial aid until May 1. Full-time admitted students planning to enroll at Drake for the fall semester are required to submit the Enrollment Reply Card with a nonrefundable \$250 tuition deposit. Professional PharmD transfer students are encouraged to submit the Enrollment Reply Card and required enrollment deposit of \$350 by May 1. The nonrefundable deposit is credited to the first semester's tuition account. Part-time students must return the Enrollment Reply Card, but are not required to submit the deposit. Comprehensive instructions for replying to the offer of admission are mailed with admission notification.

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

Residence hall contracts are mailed to students with notification of admission. The contract should be submitted with the required \$250 housing deposit to the Office of Residence Life. Students are encouraged to return the student residence contract and housing deposit as soon as possible after admission. The \$250 housing deposit is fully refundable when a written refund request with a postmark no later than May 1 is submitted to the Office of Admission.

For more information about Drake University, write:

[Office of Admission](#)

Drake University
2507 University Avenue
Des Moines, Iowa 50311-4505 U.S.A

Or call:

Toll-free: 1-800-44-DRAKE, extension 3181

Local/outside the U.S.: 1-515-271-3181

Fax: 1-515-271-2831

E-mail: admission@drake.edu

international@drake.edu

So that Drake may respond appropriately to your inquiry, please include in your correspondence the following information about you and your interests:

- Are you seeking information about undergraduate or graduate programs?
- Do you have a degree? If so, please specify.
- Would you be an entering first-year student, transfer student or graduate student?
- Are you an international student?
- Please indicate your anticipated term of enrollment.
- Please indicate the school you are currently attending (high school or college) or have most recently attended.
- Please provide your full mailing address, telephone number and e-mail address.

Summer Registration/Orientation

Drake University offers several summer orientation and registration programs for new undergraduate students. Information about these programs is forwarded to new students following admission.

Costs and Financial Information

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.

2014-2015 Tuition and Fees

2014 - 2015 Summary of Tuition and Fees

TUITION

Undergraduate:

(per semester)

Full Time (12-18 credit hours per semester) \$16,050

Part Time (less than 12 credit hours per semester) *(per credit hour)*

Day \$635

Evening \$480

Summer \$480

Online \$510

Credit hours over 18 \$635

Graduate and Professional Programs:

Business and Public Administration & Journalism *(per credit hour)*

MBA, MAcc, MFM, Masters, Communication Leadership \$600

MPA \$530

Education

Graduate Programs (includes on-line) \$450

Law *(per semester)*

Full Time (10-18 credit hours per semester) \$18,997

(per credit hour)

Part Time (less than 10 credit hours per semester) \$1,310

Pharmacy

Full Time (12-18 credit hours per semester) *(per semester)*

P1-P3 \$17,938

P4 \$20,188

Part Time (less than 12 credit hours per semester) *(per credit hour)*

P1-P3 \$730

P4 \$755

(per semester)

International Pharmacy Rotation \$550

Credit hours over 18 based on the program rate

2014 - 2015 Summary of Tuition and Fees

FEES

	<u>Per Semester</u>
Student Activity Fees	
Undergraduate	\$73
Pharmacy	\$73
Graduate and Professional Programs (≥ 9 credit hours)	\$73
Law	\$31
School of Education – Education Extension	http://www.drake.edu/edex/
Law	
Student Bar Association Fee	\$25
Study in France (6credit hours)	\$5,750
Applied Music	\$280
Health Science	\$45
ESL Tuition	
<i>Fall or Spring -</i>	
ESL Class	\$1,140
Full Time ESL	\$5,700
<i>Summer -</i>	
Full Time 5 weeks	\$2,000
Full Time 10 weeks	\$4,000
Application	
Undergraduate*	\$25
Graduate and Professional Programs	
Graduate – Business and Publication Administration & Journalism	\$50
Graduate - SOE	\$35
Pharmacy	\$75
Law**	\$50
<i>* no charge for online applications</i>	
<i>** no charge for online applications prior to April 1</i>	
Payment Plan	\$30
Orientation	
Student	\$115
Parent	\$85
Drake Community School of Music	http://www.drake.edu/ducsom/programs/individualinstruction/
Senior Citizen - Audit a Class	\$60
Technology	
Technology Fees (Part-Time Students)	\$60
Technology Fees (Full-Time Grad Students)	\$250
Vehicle Registration*	
Commuter – Day	\$100
Residence Halls, Overnight	\$165
*Annual Registration: Commuter – Day - \$160; Residence-Hall, Overnight - \$250	
(Note: parking tickets – general \$25; Handicapped parking space violation \$100)	

2014 - 2015
Summary of Room and Board

ROOM

Residence Halls (includes all halls)	<i>(per semester)</i>
<i>Fall and Spring -</i>	
Room, Double, Triple, or Quad.....	\$2,475
Room, Single.....	\$3,550
Room, Double as Single.....	\$4,020
 <i>Summer -</i>	
	<i>(per week)</i>
Room, Double.....	\$170
Room, Single.....	\$250

MEAL PLANS

All Residential Plan	<i>(per semester)</i> \$2,160
<i>Meal Plan Choices:</i>	
10 Meal Plan + 275 Flex Dollars	
14 Meal Plan + 100 Flex Dollars	
195 Block Plan + 300 Flex Dollars	
335 Block Plan (each semester)	
Commuter Plans*	<i>(per semester)</i>
3 Meals + 100 Flex Dollars.....	\$570
Lite Plan	\$1,100
On-the-go Plan	\$800
<i>*Commuter students may also choose any of the residential plans</i>	

Financial Aid

The Office of Student Financial Planning provides counseling and services designed to help students and their families meet the costs of financing an education at Drake University. Nearly all Drake students receive financial assistance, including merit and need-based assistance. More than 5,000 scholarships and grants are awarded and more than \$50 million in financial assistance is provided to Drake students annually.

All official information about scholarships and financial aid, including the Financial Aid Handbook, are on the [Office of Student Financial Planning](#) web site.

www.drake.edu/finaid/

Scholarships and Grants

Approximately 98 percent of Drake full-time undergraduate students receive scholarships provided by the University. These scholarships include awards based on demonstrated financial need, academic achievement, and artistic or athletic talent. The University provides funds directly and through the generosity of friends and organizations interested in Drake students.

Drake University Scholarships

Merit-Based Scholarships for Students Entering Directly from High School

Drake National Alumni Scholarships

Drake University awards prestigious scholarships each year to outstanding first-year students entering directly from high school. Applicants for the National Alumni Scholarship competition need not be related to Drake alumni. The scholarships awarded through the National Alumni Scholarship Program include:

- Six National Alumni Scholarships providing for the costs of tuition, standard fees, and room and board in Drake residence halls
- Ten George T. Carpenter Scholarships providing for the cost of full tuition
- Trustee Scholarships of \$1,000 are awarded to all eligible students who complete the National Alumni Scholarship application process and participate in a Scholarship Day

For information regarding the specific requirements for being a part of the Drake National Alumni Scholarship competition, please check the Drake University [Office of Admission](#) web site.

Presidential Scholarships range from \$9,000 to \$14,000 per year. All prospective students who have applied and been admitted by the priority deadline of March 1 are automatically considered for these awards. Presidential Scholarships are based upon university enrollment goals and the individual academic achievement of applicants for admission.

Merit scholarships are available for a maximum of eight semesters of on campus study (fall and spring terms only) for the student's undergraduate degree with renewal based on the maintenance of full-time enrollment, satisfactory academic progress, and the required cumulative Grade Point Average (GPA). Requirements for the Alumni or Carpenter Scholarship are a 3.25 cumulative GPA. A 2.00 cumulative GPA is required for Trustee and Presidential Scholarship renewal. Alumni and Carpenter Scholarships supersede all other Drake merit awards.

Scholarships for Entering Transfer Students

Presidential Transfer Awards

All full-time undergraduate transfer students, who do not have previous bachelor's degrees, are considered for merit-based awards. Awards are renewable for additional semesters based upon the transfer credits accepted for the degree program and the expected graduation date determined from that review. Presidential Transfer Award renewal is also based on the maintenance of full-time undergraduate enrollment, satisfactory academic progress, and a 2.00 cumulative GPA. In determining scholarship eligibility, the cumulative transfer GPA is based upon coursework from all post-secondary institutions attended. Presidential Transfer Awards range from \$8,000 to \$11,000.

Phi Theta Kappa Scholarships of \$1,000 are awarded to eligible community college transfer students. Applicants must seek full-time undergraduate enrollment at Drake and submit a verification form from their PTK advisor documenting current PTK membership. In addition, students must complete a minimum of 45 academic semester hours prior to first-time enrollment at Drake, and have a minimum cumulative GPA of 3.50 on a 4.00 scale from all

post-secondary schools attended. Other than the verification form and the application for admission, no separate scholarship application is required.

The Carver Scholarship is a selective scholarship for students at Iowa community colleges, two-year private colleges and four-year colleges who demonstrate high need, have graduated from an Iowa high school or have been residents of the state of Iowa for at least five consecutive years immediately prior to applying. Qualified applicants must also have a minimum cumulative GPA of 2.80 on a 4.0 scale and be ready to begin their junior year at Drake. Contact the Office of Student Financial Planning for an application. The application deadline is April 1.

Additional Drake Scholarships

Drake Grants provide support for students with significant financial need as demonstrated by the results of filing the Free Application for Federal Student Aid (FAFSA). Drake Grants are available for undergraduate, full-time students for a maximum of eight fall/spring semesters with grant eligibility reviewed annually with the filing of a current year FAFSA and demonstrated financial need.

Fine Arts Scholarships are available to selected full-time undergraduate students who display exceptional talent in art, music or theatre arts. Fine Arts scholarships are tuition-specific (may only be used toward full-time undergraduate tuition costs for fall and/or spring semesters) and typically require audition and/or portfolio submission to the appropriate fine arts department. Students are selected for Fine Arts awards by the music, theatre, and/or art departments with renewal criteria set by those departments.

Division I NCAA Athletic Scholarships are offered to outstanding student athletes in men's and women's sports. Men's scholarships are available in basketball, soccer, track and field, cross-country, golf and tennis. Women's scholarships are available in basketball, track and field, cross-country, golf, soccer, volleyball, softball, crew, and tennis. Contact the coach of the sport in which you participate to obtain information on athletic scholarship opportunities.

Drake University Legacy Awards are available for children, grandchildren and great-grandchildren of Drake graduates. The Legacy Award is \$1,500 per year and is tuition specific (can only be used to reduce the cost of undergraduate fall/spring full-time tuition). No separate application is required and the award is limited to eight semesters.

National Merit Scholarships range from \$1,000 per year for students with no financial need to \$2,000 per year for students who demonstrate financial need. Incoming first-year students who rank as National Merit finalists and who have indicated Drake University as their first-choice institution may be considered for Drake-sponsored scholarships.

Crew Scholars Program supports the recruitment and retention of a diverse undergraduate student body and helps ensure a welcoming and supportive environment for all students. For more information about applying to be a Crew Scholar visit the [Crew Scholars Program](#) web site.

Federal and State of Iowa Grants

The following are examples of federal and state grants and/or scholarships that can be included in a financial aid package. To apply, students must complete a FAFSA for the appropriate award year. These grants will be a part of the financial aid award notice of any eligible student.

Federal Pell Grants are awarded to undergraduate students admitted to and enrolled in a first bachelor degree program who are eligible according to the Expected Family Contribution (EFC) criteria established each year by the federal processors. For 2014-2015, the maximum award is \$5,730.

Federal Supplemental Educational Opportunity Grants provide funding for students with demonstrated financial need. Students receiving Federal Pell Grants are priority recipients of FSEOG funds on a funds available basis.

Iowa Tuition Grants are awarded to qualified Iowa residents planning to attend a private college in Iowa. The Iowa College Student Aid Commission sets the awarding parameters annually. The FAFSA must reach the processing center by July 1 annually. For 2014-2015, the maximum grant is \$4,550.

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.

Questions about Army ROTC and ROTC scholarships and grants should be directed to:

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). The Office of Student Financial Planning and/or the student's academic department select recipients. In most cases, endowed awards are used to replace already-awarded Drake need-based or merit-based grants or scholarships.

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
- Many firms and agencies extend educational benefits to their employees. Contact the personnel office of you or your parent's places of employment to find out if the employer(s) will help finance student's education.
- For helpful links for financial assistance, scholarships and fellowships, visit the [Student Financial Planning](#) web site.

Please note that outside scholarships are used in meeting financial need. If outside scholarships combined with need-based aid exceed need or cost of attendance, a revision of the student's financial aid package will be necessary.

Federal Loan Programs

The Federal Direct Stafford Loan Program allows students to borrow low-interest loans and defer payment while attending college at least half-time. In the 2014-2015 academic year, the loan limits for freshman students are \$5,500, sophomores \$6,500 and \$7,500 for juniors and seniors. These loans may be subsidized or unsubsidized depending on the applicant's financial need. Independent students have expanded borrowing capabilities. As of July 1, 2014, the 2014-2015 interest rate for a Subsidized & Unsubsidized Federal Direct Stafford Loan is a fixed rate of 4.66% and a 1.072% origination fee. Subsidized loans do not accrue interest during the time a student is admitted to a degree program or during the grace period for the loan. Unsubsidized loan interest accrues from the date the loan is first disbursed.

Federal Perkins Loans are available as funds permit and funding for this program is very limited. Federal Perkins Loans have a fixed interest rate of 5 percent, and loan repayment begins nine months after the student is no longer

enrolled at least half-time in a degree program. Since Perkins funds are limited, typical Drake awards range from \$2,000-\$4,000.

Health Profession Student Loans are awarded to students as funds permit (funding for this program is very limited) and generally do not exceed \$6,000 per year. To qualify for consideration, students must be enrolled full-time in the Doctor of Pharmacy program and file a FAFSA including parental information. Repayment with a fixed interest rate of 5 percent begins twelve months after the student is no longer enrolled at least half-time in the Doctor of Pharmacy program.

The Federal Direct Parent PLUS Loan provides funding for parents of dependent students. Parents may borrow the difference between the student's cost of education and all other financial assistance. A FAFSA application is required for the Federal Parent PLUS. Payment and interest charges begin within 30 to 60 days following full disbursement of funds, or loan payment may be deferred on the same schedule as the student Stafford loan. The interest rate for Federal Direct Parent PLUS for 2014-2015 is fixed at 7.21% with a 4.288% origination fee.

Student Employment

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

Employer Tuition Deferred Payment Plan

Part-time students may defer their tuition payment if being reimbursed 100% by their employer and not receiving other financial aid. Students wishing to submit an application must log into BlueView and access the Student Services Tab/My Drake Account to submit the online application. Payment of the \$35 application fee and the current-term technology fee must be paid before the application can be processed. Questions regarding the deferment can be directed to the Office of Student Accounts, 515-271-2151, #4.

Financial Aid for Part-Time Students

Part-time students, admitted and enrolled in a degree program, may apply for financial aid programs by filing a Free Application for Federal Student Aid (FAFSA). Financial aid awards for eligible part-time students 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 only available for fall and spring terms. The Federal Pell Grant is available for students enrolled in at least one credit, and the remaining federal grants and loans require at least 6-credit enrollment. For more information, contact the Office of Student Financial Planning.

Additional Admission and Financial Aid Information

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

Office of Admission - www.drake.edu/admission/undergraduate/

Office of Student Financial Planning - <https://www.drake.edu/finaid/>

Academic Regulations

- [Credit Hour / Semester Hour](#)
 - [Student Classification](#)
 - [Class Attendance](#)
 - [Grade Point Average](#)
 - [Credit / No Credit Option](#)
 - [President's List and Dean's Lists](#)
 - [Appeals on Academic Evaluation](#)
 - [Academic Integrity](#)
 - [Academic Probation and Suspension](#)
 - [Probation and Intercollegiate and Major Leadership Activities](#)
 - [Withholding Transcripts](#)
 - [Curricula Modification](#)
 - [Family Educational Rights and Privacy Act \("FERPA"\) Statement](#)
 - [Student Complaint and Appeal Resources and Procedures](#)
-

Credit Hour/Semester Hour

The credit hour or semester hour, terms used interchangeably, is the unit of instruction. One credit hour is constituted by a minimum of one hour of classroom or direct instruction and a minimum of two hours of out-of-class student work each week for a semester (or its equivalent). An equivalent amount of work (minimum three hours per week for a semester or its equivalent of combined direct instruction and out-of-class student work) must be represented for a credit hour in other academic activities such as laboratory work, internships, practica, studio work and other academic work. A semester is defined as not less than 15 weeks. Courses offered in shorter timeframes must have an equivalent number of hours dedicated to instruction and student work as that spent in a semester-based class.

Student Classification

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

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

Class Attendance

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.

Grade Point Average

The minimum requirement for the degree is a cumulative G.P.A. of 2.00 ("C") for all work attempted at Drake University.

Grade points are earned on the following basis

- Four grade points for each credit hour completed with a "A"
- Three grade points for each credit hour completed with a "B"
- Two grade points for each credit hour completed with a "C"
- One grade point for each credit hour completed with a "D"
- No grade points for a grade of "F" (Failure).

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

The G.P.A. is determined by dividing the number of grade points earned by the number of credit hours attempted. Grades of "F" are computed in the G.P.A., but no credit toward graduation is earned. Only passing grades ("A", "B", "C", "D", "CR") are used to award graduation credit.

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.

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 Student Records (upon attaining the specified due date). Marks of incomplete are not computed in the G.P.A.

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

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

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

Students intending to enroll in a course on an audit basis must indicate this intention at the time of registration. Students wishing to change from a credit to an audit basis during the semester must have the approval of the instructor, the adviser, and the dean, and must do so no later than the midpoint of the semester or, in the case of a short course, no later than the midpoint of that course.

Credit / No Credit Option

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

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

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

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

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

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

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, nine 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.

Appeals on Academic Evaluation

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

Academic Integrity

1. Each college/school has an Academic Integrity Policy Committee:
 1. To propose policies for dealing with problems of academic dishonesty including but not limited to plagiarism and cheating, and to ensure that these policies and procedures are consistent with University policies and procedures;
 2. To implement policies and procedures for dealing with academic dishonesty; and
 3. To review appeals from academic evaluations associated with academic dishonesty. (For more information, see [Suggested Hearing Guidelines](#).)
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. (See "[Examples of Academic Dishonesty](#)".)
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.

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.

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

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

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

Probation

1. A student shall be placed on University probation if, at the end of any fall or spring semester, he/she:
 1. has a cumulative grade point average (G.P.A.) less than 2.00 after enrolling as a full-time student at the beginning of the semester; or
 2. in the first year of full-time enrollment fails to complete 20 credit hours of coursework, or in a subsequent year of full-time enrollment fails to complete 26 credit hours of coursework;
 3. has a cumulative G.P.A. less than 2.00 after attempting a total of 10 hours or more as a part-time student. Individual colleges and schools of the University may establish additional requirements for maintaining "good standing." Such requirements, when they exist, are outlined in the relevant college/school sections of the catalog.
2. A full-time student shall be continued on probation for one additional semester if he/she:
 1. has a cumulative G.P.A. less than 2.00 but at or above 1.50 after one semester on probation, and/or
 2. has failed to meet, but is making satisfactory progress toward, the credit hour requirements specified in Section 1b.
3. A student shall be removed from probation if he/she:
 1. has a cumulative G.P.A. of 2.00, and
 2. is a full-time student and has met the credit hour progress requirement specified in Section 1b.
4. Any person who is currently paying tuition for a student may receive notification when that student is placed on probation and may receive copies of all successive communications related to the academic standing of the student until such time as probationary status is removed.

Suspension

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

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

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 Student Records 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 Student Records 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.

Adding/Dropping a Course

A student may add a course through the end of the first five class days of each semester or, in the case of a short course beginning later in the semester, may add the course before the second class-meeting of the course.

The time during which a student may drop from a class with no mark of 'W' recorded and a full tuition refund (if appropriate) is as follows:

- Courses offered in a standard format during the fall or spring semester – intent to drop must be submitted to the college/school dean's office or to the Office of Student Records by the end of the 10th business day after the start of the semester.
- Summer or J-term courses – intent to drop must be submitted to the college/school dean's office or to the Office of Student Records by the end of the first business day following the first meeting of the course.
- Weekend courses - intent to drop must be submitted to the college/school dean's office or to the Office of Student Records as follows:
 - Classes that start with an evening session: by noon the day following the first evening session.
 - Classes that start with a full day session: by the end of the first day of class.
- Online courses - the drop schedule conforms to requirements for corresponding term lengths; e.g. in courses that are scheduled in a standard semester format, intent to drop must be submitted by the end of the 10th business day after the start of the semester. In classes scheduled to last for 3 to 6 weeks, intent to drop must be submitted by the end of the second business day after the class begins.

Intent to drop must be filed using the procedures specified for the type of course and term in which it is offered:

- For courses meeting during the day on campus, intent to drop a course must be filed with the college/school dean's office or with the Office of Student Records and Academic Information by the time specified above.
- For online courses and weekend courses intent to drop may be handled in one of the following ways (the intent must be in text form):
 - Submit a notice of intent to drop to the instructor.
 - Send an email to the Office of Student Records or to the office of the dean of the college in which the course is offered.

Attendance records will be used to verify attendance dates.

Withdrawal from a Course

A student may drop a course up to five class days (Monday - Friday) after the midpoint of the semester (or the midpoint of a course that meets less than a full semester). For drops that occur during that period, the administrative mark of "W" officially is recorded. A student may drop a course after that point only if the instructor or dean's office finds extenuating circumstances that would make the withdrawal appropriate, in which case the administrative mark of "W" officially is 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.

When a student withdraws from a class after the "no W drop date" as specified above, but before the midpoint of the semester (or midpoint of a course that meets less than a full semester), the administrative mark of "W" is officially recorded. A student may withdraw from a course after the midpoint of the semester (or the midpoint of a course that meets less than a full semester), only if the instructor or dean's office finds extenuating circumstances that would make the assignment of the "W" appropriate. In cases of withdrawal from a course after the midpoint of the semester 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.

In practice, for classes that meet on weekends, the end of the second full weekend accounts for 67% of the direct instructional time of a course. Withdrawal anytime between the start of Day 2 of the first weekend and the end of Day 2 of the second weekend should result in a 'W' on the academic record. Notices of intent to withdraw that are received after the second full weekend but prior to the third full weekend can be backdated in the system as appropriate to reflect the actual date that intent was submitted, and to meet this standard regarding aid eligibility.

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.

Tuition Adjustments Based on Enrollment Changes (Other Than Complete Withdrawals)

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 Based on Enrollment Changes (Other Than Complete Withdrawals)

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.

FERPA Policy Statement

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. (See “[Special Note from the Provost](#)”.)

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 the following "directory information" about each individual student without prior consent unless the student has previously requested these records be withheld:

1. Student's name, local address, telephone number and e-mail 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
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 Student Records and Academic Information. 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 Student Services tab in blueView (the campus web portal).

Questions regarding FERPA, University policy or parental access to student education records can be addressed to the Office of Student Records and Academic Information, 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 Complaint and Appeal Resources and Procedures

The Informal Complaint Process

For the informal complaint process, please [click here](#).

Officially Documented Complaints

For the officially documented complaint process, please [click here](#).

AP, IB, CLEP Credit

For Students Entering Fall 2014

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 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.

Advanced Placement Program (AP)

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	HOURS EARNED	DRAKE EQUIVALENT
Art Drawing	4	3	ART Elective
Art General	4	3	ART Elective
Art History	4	3	ART 075
Biology	4	8	BIO 001, 001L, BIO Elective
Calculus AB*	4	4	MATH 050

Calculus AB subgrade	4	4	MATH 050
Calculus BC*	4	8	MATH 050, MATH 070
Chemistry	4	8	CHEM 006, CHEM 007, CHEM Elective
Chinese Lang & Culture	4	6	CHIN 001, CHIN 002
Comparative Government	4	3	POLS 065
Computer Science A	4	3	CS 065
Economics: Macro	4	3	ECON 001
Economics: Micro	4	3	ECON 002
English Language**	4	6	ENG 001, ENG Elective
English Literature**	4	6	ENG 001, ENG Elective
Environmental Science	4	3	ENSP 035
European History	4	6	HIST Elective
French Language	4	6	FREN 001, FREN 002
French Literature***	4	9	FREN 001, FREN 002, FREN 051
German Language	4	6	GERM 001, GERM 002
Human Geography	4	3	SCSG 002
Italian Language & Culture	4	6	General Elective
Japanese Language & Culture	4	6	JAPN 001, JAPN 002

Latin Literature	4	6	General Elective
Latin: Vergil	4	6	General Elective
Music Theory	4	4	Evaluated on an individual basis
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
Studio Art	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.

International Baccalaureate Program (IB)

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.

IB COURSEWORK	REQUIRED SCORE	HOURS EARNED	DRAKE EQUIVALENT
Arabic Language (A1) <i>Higher Level</i>	5-7	9	ARAB 001, ARAB 002, ARAB 051
Arabic Language (A1) <i>Standard Level</i>	5-7	6	ARAB 001, ARAB 002
Arabic Language (B) <i>Higher Level</i>	5-7	12	ARAB 001, ARAB 002, ARAB 051, ARAB 052
Arabic Language (B) <i>Standard Level</i>	5-7	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 <i>Higher Level</i>	4	6	BUS Elective
Business & Management <i>Standard Level</i>	4	3	BUS Elective

Cantonese Language (B) <i>Higher Level</i>	5-7	12	General Elective
Cantonese Language (B) <i>Standard Level</i>	5-7	9	General Elective
Chemistry <i>Higher Level</i>	4	8	CHEM 006, CHEM 007, CHEM Elective
Chemistry <i>Standard Level</i>	5	4	CHEM 006, CHEM 007
Chinese Language (A1) <i>Higher Level</i>	5-7	9	CHIN 001, CHIN 002, CHIN 051
Chinese Language (A1) <i>Standard Level</i>	5-7	6	CHIN 001, CHIN 002
Computer Science <i>Higher Level</i>	4	6	CS 065, CS Elective
Computer Science <i>Standard Level</i>	5	3	CS 065
Design Technology <i>Higher Level</i>	4	7	PHSC 001, PHSC Lab, PHSC Elective
Design Technology <i>Standard Level</i>	4	3	PHSC 001, PHSC Lab
Economics <i>Higher Level</i>	5	6	ECON 001, ECON 002
Economics <i>Standard Level</i>	5	3	ECON 001

English Language (A1 & A2) <i>Higher Level</i>	5	6	ENG Elective
English Language (A1 & A2) <i>Standard Level</i>	5	3	ENG Elective
English Language (B) <i>Higher Level</i>	5	6	ENG Elective
English Language B <i>Standard Level</i>	5	3	ENG Elective
French Language (A1) <i>Higher Level</i>	5-7	9	FREN 001, FREN 002, FREN 051
French Language (A1) <i>Standard Level</i>	5-7	6	FREN 001, FREN 002
French Language (B) <i>Higher Level</i>	5-7	12	FREN 001, FREN 002, FREN 051, FREN 052
French Language (B) <i>Standard Level</i>	5-7	9	FREN 001, FREN 002, FREN 051
Geography <i>Higher Level</i>	4	8	SCSG 002, SCSG Elective
Geography <i>Standard Level</i>	5	3	SCSG 003
German Language (A1) <i>Higher Level</i>	5-7	9	GERM 001, GERM 002, GERM 051

German Language (A1) <i>Standard Level</i>	5-7	6	GERM 001, GERM 002
German Language (B) <i>Higher Level</i>	5-7	12	GERM 001, GERM 002, GERM 051, GERM 052
German Language (B) <i>Standard Level</i>	5-7	9	GERM 001, GERM 002, GERM 051
History <i>Higher Level</i> (including subcategories)	5	3	HIST Elective
History <i>Standard Level</i>	5	3	HIST Elective
Information Technology <i>Higher Level</i>	4	3	IS Elective
Information Technology <i>Standard Level</i>			NO CREDIT
Islamic History <i>Higher Level</i>	4	3	HIST Elective
Islamic History <i>Standard Level</i>	4	3	HIST Elective
Japanese Language (AB) <i>Higher Level</i>	5-7	9	JAPN 001, JAPN 002, JAPN 051
Japanese Language (AB) <i>Standard Level</i>	5-7	6	JAPN 001, JAPN 002
Latin Language	4	6	General Elective

<i>Higher Level</i>			
Latin Language	5	3	General Elective
<i>Standard Level</i>			
Mandarin Language (B)	5-7	12	General Elective
<i>Higher Level</i>			
Mandarin Language (B)	5-7	9	General Elective
<i>Standard Level</i>			
Advanced Math	5	4	MATH 054
<i>Standard Level</i>			
Mathematics	4	8	MATH 050, MATH Elective
<i>Higher Level</i>			
Mathematics	5	8	MATH 050, MATH Elective
<i>Standard Level</i>			
Math Methods	5	4	MATH 020
<i>Standard Level</i>			
Math Studies	5	4	MATH 020
<i>Standard Level</i>			
Music <i>Higher Level</i>	4	3	MUS 080
Music <i>Standard Level</i>	4	3	MUS 080
(including subcategories)			
Philosophy <i>Higher Level</i>	4	3	PHIL Elective

Philosophy <i>Standard Level</i>	4	3	PHIL Elective
Physics <i>Higher Level</i>	4	8	PHY 011, PHY Elective
Physics <i>Standard Level</i>	4	4	PHY 011
Psychology <i>Higher Level</i>	4	4	PSY 001
Psychology <i>Standard Level</i>	4	3	PSY 001
Social Anthropology <i>Higher Level</i>	4	6	SCSA 002, SCSA Elective
Social Anthropology <i>Standard Level</i>	5	3	SCSA 002
Spanish Language (A1) <i>Higher Level</i>	5-7	9	SPAN 001, SPAN 002, SPAN 051
Spanish Language (A1) <i>Standard Level</i>	5-7	6	SPAN 001, SPAN 002
Spanish Language (B) <i>Higher Level</i>	5-7	12	SPAN 001, SPAN 002, SPAN 051, SPAN 052
Spanish Language (B) <i>Standard Level</i>	5-7	9	SPAN 001, SPAN 002, SPAN 051
Swahili (A) <i>Higher Level</i>	5-7	9	General Elective
Swahili (A)	5-7	6	General Elective

Standard Level

Theatre <i>Higher Level</i>	4	4	THEA Elective
Theatre <i>Standard Level</i>	4	3	THEA Elective
Visual Arts <i>Higher Level</i>	5	3	ART Elective
Visual Arts	5	3	ART Elective

Standard Level

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	HOURS EARNED	DRAKE EQUIVALENT
American Government	65	50	3	POLS 001
Biology*	50	50	4	BIO 001, BIO 001L
Business Law	50	50	3	BLAW 060
Calculus with Elementary Functions	61	50	4	MATH 050
College Mathematics	61	50	3	MATH 017
Financial Accounting	50	50	3	ACCT 040

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 105 or EDUC 106
Macroeconomics, Principles	50	50	3	ECON 001
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

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

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

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.

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.

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

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

Honors Program Track

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

The Honors Program Track requirements include:

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

Completion of the Honors Program Track in the Drake Curriculum is not sufficient to fulfill the requirements of the Honors Program for the designation of "University Honors" on a student's official transcript. To complete the Honors Program, students must complete the Honors Program Track plus the following: successfully complete an Honors Program Senior Thesis/Project and maintain an overall cumulative 3.5 GPA. More information about the Honors Program can be found on the [Honors Program](#) web site.

Senior Capstone Experiences

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

Graduation Requirements

Candidates qualifying for an undergraduate degree must successfully complete a minimum of 124 credit hours of coursework. The six-year Doctor of Pharmacy Program (Pharm.D.) of the College of Pharmacy and Health Sciences requires 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 undergraduate degrees must successfully complete a minimum of 30 credit hours in residence classes on the Drake campus. All Drake University colleges and schools require the last 30 hours of a degree to be completed in residence. Candidates for the Bachelor of Science in Education (B.S.E.) degree regularly employed as teachers may take some of the last 30 hours in extension classes. However, candidates for the B.S.E. degree must complete their final 15 hours in classes on the Drake campus.

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

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

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

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

Seniors Taking Graduate Work

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

Second Undergraduate Degree

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

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

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

Commencement

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 Student Records 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 Student Records may post the degree dated the 15th of the following month. (Pharmacy students cannot graduate prior to the established graduation date in May).

Honors at Graduation

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

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

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

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

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

Academic Costume

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 guidelines with minor changes have been in place 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. Kente stoles also are approved ornamentation. Additional ornamentation must receive prior approval of the President's Committee on Commencement.

Ceremony 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.

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

December Ceremony Participation Eligibility

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.

December Ceremony Program Eligibility

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

May Ceremony Participation Eligibility

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.

May Ceremony Program Eligibility

Names to be included in the May Commencement program are students who are expected May or August graduates, previous December graduates who did not participate in the December Ceremony, or students who will be participating in that event.

Students are expected to meet the stated program preparation deadlines to ensure their name is printed. These dates are published at the [commencement](#) web site.

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.

Student Life

Residence

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

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

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

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

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

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

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

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

Goodwin-Kirk Hall, 1215 30th Street, recognizes the contributions of two longtime associates of the University. William J. Goodwin was a Drake graduate and served as president of Drake's Board of Trustees.

Sherman Kirk was a faculty member from 1897 to 1940 and dean of Drake's Bible College. Goodwin-Kirk Hall is accessible to persons with disabilities.

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

Jewett Hall, 2801 University Avenue, is named for George A. Jewett, a founder of the University. He also served as secretary of Drake's Board of Trustees from 1882 to 1934. Jewett Hall is accessible to persons with disabilities.

Morehouse Hall, 2803 University Avenue, is named for Drake's sixth president, Daniel W. Morehouse. The hall and the Drake Stadium were built during his presidency from 1922 to 1941.

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

Ross Hall, 1214 31st Street, takes its name from Luther S. Ross, a botany professor who provided initial faculty recognition for intercollegiate athletics at Drake.

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

Olmsted Center is named for George H. Olmsted, an Iowa philanthropist and member of Drake's Board of Trustees. The center provides dining services for residence hall students and other members of the University community. It also offers student lounges, Student Life and Residence Life offices, meeting rooms and conference facilities.

Resources for Study

Cowles Library

Cowles Library (library.drake.edu/) is the main library for the University. The Library provides extensive print and electronic resources used in class assignments and research. Our 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 a specialized course (LIBR 046) which focuses on effective research, information literacy and critical thinking skills.

Cowles Library is the largest private college academic library in Iowa. Print resources include over half a million books, government documents and scholarly journals. A rapidly growing e-book collection of more than 400,000 volumes is available. For online research, Drake students and faculty have immediate access to over 250 electronic databases, covering a wide range of subjects and academic disciplines. The high quality and broad scope of the Library's electronic resources is a distinguishing feature of the Drake experience. Cowles was the first library in Iowa to offer a "discovery service" called SuperSearch that accesses multiple databases in a single search. The Library provides access to some databases usually only found at major research universities.

Cowles Library is a member of the resource sharing Central Iowa Academic Library Cooperative, and a founding member of the Central Iowa Collaborative Collections Initiative (CI-CCI) which provides enhanced sharing of collections among five academic libraries. The Library provides no-cost interlibrary loan services to Drake students that link Drake to a global network of libraries. These relationships allow students to rapidly obtain resources they need not found in the core Library collection.

Students can obtain assistance in person, online or even by text message through our popular Ask a Librarian service at libraryhelp.drake.edu. The Library supports mobile device access and off campus access for all our electronic databases and e-books. Subject and class-specific research guides, compiled by Librarians and Drake faculty, are found at researchguides.drake.edu.

The Library provides high-quality study spaces that include quiet study areas, study rooms, group study space, computer collaboration equipment, whiteboards and a popular campus cafe. An "After-Hours" portion of the Library is open for study when the Library itself is closed. The Library has the largest general-purpose computer lab on campus, with 50 Mac and Windows computers. The Speaking Studio, built in 2014, allows students to practice and record presentations and speeches. The Library collaborates with other departments to provide direct academic support through the Writing Workshop (library.drake.edu/writing), the Speaking Center (library.drake.edu/speaking), and with Academic Achievement to support tutoring in courses such as Biology, Chemistry, Organic Chemistry and Psychology and assistance with time management and study skills (www.drake.edu/acadassist/tutoringpeerassistance.) As previously noted, the Librarians are Drake faculty members who provide assistance and advice to students at every stage of research.

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

Cowles Library is being extensively renovated in a multi-year project that began in 2012 and is expected to run until 2017. In 2012, the After-Hours space, the Lower Commons group study area and the Cowles Cafe were

finished. In 2013, the Cowles Library University Archives and Special Collections project was completed and now provides the opportunity for students to engage in primary research in government, politics, law and society and provides practical experience in Archives to student interns . In subsequent phases, renovations are expected to include a new computing facility, renovations throughout the quiet study areas and a variety of new group and individual study rooms.

Disability Services

Student Disability Services, located in Old Main 107, 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.

The telephone number for Student Disability Services is 515-271-1835. For more information, visit the Student Disability Services Web site at www.drake.edu/acadassist/disabilityservices/.

Academic Assistance and Student Services

Students looking for ways to enhance their academic success (improving reading comprehension, studying efficiently and time management) are encouraged to contact the Academic Achievement Coordinator at 515-271-3752. 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.

More information is available at: www.drake.edu/acadassist

Professional and Career Development Services

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

Career Exploration

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

Internship and Career Fairs

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

Job Search Strategies

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

Networking

[Career bluePrint](#) (Drake's online job posting board)

Internship and Shadowing Experience

Resume/Cover Letter Development

Mock Interviews

Portfolio Development

Graduate/Professional School

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

More information is available at www.drake.edu/career

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.

Individuals who want to know more about these programs should contact:

Drake International

1331 27th St

Des Moines, IA 50311-4505 USA

Toll-free: 1-800-44-DRAKE, extension 2084

Local/outside the United States: 515-271-2084

Fax: 515-271-4588

www.drake.edu/internationalcenter

Education-Abroad

Drake's education-abroad opportunities are characterized by variety. Qualified students may choose from programs in more than 60 countries. Students are encouraged to choose programs that include independent study, internships, language immersion or direct enrollment with students from the host country. Housing options may include apartments, residence halls or home hosting. Exciting opportunities 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.

While all credits taken on affiliated programs transfer to Drake, students must work closely with their advisers to ensure that courses chosen will meet specific degree requirements. Early planning is recommended. For some programs, the sophomore year is the best time to spend a semester 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, Cambridge, the Sorbonne and the University of Sydney.

Fluency in a foreign language also broadens options, though many programs do not require previous foreign language study. This is true even in countries where the official language is not English, although students who learn the local language have richer experiences with local people.

The cost of a program abroad varies widely, but students with financial concerns can usually find a program that meets their needs. Most students report that a semester abroad costs approximately the same as a semester at Drake. Many forms of financial aid may be applied to study abroad with a Drake-affiliated program, and some programs offer scholarships.

For information about education-abroad, contact Drake International or visit www.drake.edu/internationalcenter.

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 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.

For information about admission to a degree program, contact the

Office of Admission
Drake University
Des Moines, IA 50311-4505
Toll-free: 1-800-44-DRAKE, extension 3181
Local/outside the United States: 515-271-3181
Fax: 515-271-2831
E-mail: admission@drake.edu
World Wide Web: www.drake.edu/admission/

For more information for international students, contact Drake International or visit www.drake.edu/internationalcenter.

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.

For information about the Intensive English Program, contact Drake International or visit www.drake.edu/internationalcenter.

Extension Education

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

For information about Extension Education, call 1-800-768-3224, or visit www.drake.edu/edex/.

Activities and Organizations

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 at: www.drake.edu/dos/handbook/, or by inquiring at the Student Life Center located in the Olmsted Center.

Fraternities and Sororities

The Office of Fraternity and Sorority Life works with the Interfraternity Council (IFC) and the Panhellenic Council to provide students with opportunities for self-development in value-based leadership organizations. The fraternity and sorority community prides itself on academic excellence, leadership development, personal growth, service to the community, and social advancement.

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

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

There are six National Pan-Hellenic Conference (NPHC) organizations on campus: Alpha Kappa Alpha Sorority, Inc.; Delta Sigma Theta Sorority, Inc.; Alpha Phi Alpha Fraternity, Inc.; Kappa Alpha Psi Fraternity, Inc.; Omega Psi Phi Fraternity, Inc.; and Phi Beta Sigma Fraternity, Inc. All of our NPHC chapters have joint charters with Iowa State University. Other NPHC fraternities and sororities have been involved at Drake in years past and can reaffiliate with proper intake procedures.

Honor Societies

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

Multicultural Student Organizations

Drake University recognizes the African Students Association (ASA), Coalition of Black Students (CBS), Chinese Students Association, (CSA) Black American Law Students Association (BALSA), El Ritmo Latino, the South Asian Student Association (SASA), the Vietnamese American Student Association (VASA), the Malaysian Student Association (MASA), Rainbow Union, (LGBT and Ally group) and the International Student Association (ISA).

These organizations sponsor a variety of programs, including Black History and Hispanic Heritage months. The Black Cultural Center, CAYA (Come As You Are) and La Casa Cultural provide opportunities for all students to meet informally for programs and activities.

Crew Scholars Program

The Crew Scholars Program consists of three cohorts of approximately 20 students whose aim is to encourage each other to achieve great things at Drake, offer mutual support, and effect change in the community. Crew Scholars benefit from focused social and academic support from its members, active campus participation, and preparation for leadership and mentor roles. Crew Scholars are eligible for certain [financial awards](#). Visit the [Crew Scholars web site](#) for more information.

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/leisure opportunities. Recreation facilities include an indoor swimming pool; aerobics room; a fitness room (cardio weight room); nine basketball courts, which can be set up for volleyball or badminton; two indoor tracks and an outdoor track; four racquetball courts; outdoor recreation fields, and six indoor and six outdoor tennis courts. More than 20 intramural sports for men and women are offered at competitive and recreational levels. The William C. Knapp Center, Drake's recreation, sports and convocation center, provides a first-class facility for athletic teams and fans; opportunities for recreational and intramural activities and a place for University-wide lectures, concerts and other major events.

The Wellness Program offers group exercise classes, wellness programs, and a wellness lunch series with topics related to current health issues. The goal of the program is to promote healthy lifestyles. Individual fitness tests, exercise prescriptions, and nutritional assessments are available.

Club sports are available for individuals who wish to compete against other universities. Current clubs include volleyball, tennis, soccer, triathlon, ultimate frisbee, floor hockey and lacrosse.

Student Government

Students play an active role in academic planning and campus governance through the Student Senate and student representation on most committees of the Faculty Senate. Students become members of the senate through election by the student body. Students are selected for the Student Activities Board, which plans a variety of cultural, educational and social programs, volunteer opportunities and special events, such as Homecoming and the Drake Relays. Students are members of most committees in each of Drake's colleges and schools. Students are also elected to governing positions in each of the student residences.

Student Conduct

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

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

Board of Trustees

The Board of Trustees, the governing body for Drake University, is composed of thirty-eight 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 21 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. The president of the University and the provost sit as nonvoting members.

Student Senate

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

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

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 follows a modified course numbering system

Continue to [Course Descriptions](#).

Continue to [Schedule of Classes](#).

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](#)

[Academic Regulations](#)

[Graduation Requirements](#)

[Faculty](#)

Areas of Study

- Anthropology and Sociology
- Art History
- Astronomy
- Biochemistry, Cell and Molecular Biology
- Biology
- Chemistry
- Computer Science
- English
- Environmental Policy
- Environmental Science
- Graphic Design
- History
- International Relations
- Law, Politics and Society
- Mathematics
- Mathematics Education
- Music
- Music Education
- Musical Theatre
- Neuroscience
- Open Enrolled - major only; no degrees awarded in this area
- Philosophy
- Physics
- Politics
- Psychology
- Quantitative Economics (B.A. only)
- Religion
- Rhetoric, Media, and Social Change
- Sociology
- Studio Art - emphases in Drawing, Painting, Printmaking, and Sculpture
- Theatre
 - Theatre - Acting
 - Theatre - Design & Technology
 - Theatre - Directing
 - Theatre - Teacher Certification
- Writing

Minors only

- Geography
- Military Studies

Concentrations

- Behavior Analysis of Developmental Disabilities
- Biophysics
- Comparative Animal Behavior
- Global and Comparative Public Health
- Human Resources Management
- Jazz Studies
- Leadership Education and Development
- Women's and Gender Studies

Certificates

- Certificate of Competence in Language and Culture (World Languages and Cultures)
- Global Ambassador

Anthropology & Sociology

Available Options

- [Bachelor of Arts \(B.A.\) with a major in Anthropology & Sociology](#)
- [Anthropology minor](#)

[Study of Culture and Society department web site](#)

Program Overview

Anthropology & Sociology (ANSO) and the anthropology minor offer a multidimensional perspective on self and society. Examine culture and society with a focus on language, diversity, and power. Cultivate reflexive, interpretive, and emphatic forms of cultural analysis.

Students who choose the ANSO major will benefit from the related yet distinct emphases of the disciplines to better understand a globalized, multicultural 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 ethnic studies. The program provides a good preparation for law school and various other professional areas.

B.A. Degree Requirements

The major is excellent training 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 includes anthropology in the curriculum. Students should work with their advisers to assure selection of courses compatible with their educational and career objectives.

Course	Credit Hours
SCSS 001 - Survey of Sociology	3
SCSA 002 - Introduction to Cultural Anthropology	3
Two theory-intensive courses	6

One course must be in anthropology, the other in sociology*. Choose from SCSA 101, SCSS 070, SCSS 080, SCSS 133, SCSS 135, SCSS 151, SCSS 170, SCSS 173, SCSS 174, SCSS 175, or SCSS 176

Two methods-intensive courses 6

Two methodology-intensive courses*. One must be in anthropology or with advisor approval. Choose from SCSA 156, STAT 050, SCSS 077, SCSS 155, SCSS 156, SCSS 158, or SCSS 159

SCSS 150 - Senior Capstone (Taken in final year of major. Offered each semester.) 3

Five elective courses in anthropology/sociology 15

TOTAL 36

To graduate with an anthropology and sociology major, students must earn grades of "C" or higher in each of the core courses (1 through 4). Students completing the anthropology and sociology major may not earn a major in sociology nor minor in either sociology or anthropology.

*Transfer courses may not be used to fulfill the theory-intensive, methods-intensive or capstone requirements.

Anthropology Minor

The requirements for the anthropology minor are completion of a minimum of 18 hours of coursework in anthropology to include one entry-level course and an additional 15 hours of coursework. Up to 6 of the 18 hours of coursework may be from related disciplines or concentrations. Students who wish to take courses from related areas must petition and have the substitution approved by the anthropology adviser. Specific courses are planned by the student in consultation with an academic adviser to complement the major and/or future career and educational goals.

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.

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

Course	Credit Hours
SCSA 002 - Introduction to Cultural Anthropology	3

Additional five courses of choice	15
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TOTAL	18
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Art History

Available Options

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

[Art History minor](#)

[Department of Art & Design web site](#)

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	Credit Hours
ART 013 - 2-D Design, or ART 014 - 3-D Design	3
ART 015 - Drawing I	3

ART 016 - Drawing II	3
<i>Basic Studio (Printmaking, Painting, or Sculpture) - Select one from the following</i>	3
ART 056 - Introduction to Printmaking	
ART 057 - Printmaking: Relief I	
ART 058 - Printmaking: Intaglio I	
ART 059 - Printmaking: Lithography I	
ART 063 - Painting I	
ART 079 - Sculpture I	
ART 075 - Themes in Art History	4
ART 199 - Art and Theory	3
<i>Art History electives - Select five from the following</i>	15
ART 103 - Art of India, China, and Japan	3
ART 105 - Italian Renaissance Art History	3
ART 106 - 17th/18th Century Art	3
ART 107 - 19th Century Art History	3
ART 108 - American Art History	3
ART 109 - Modern Art History	3

ART 110 - Art Since 1945	3
ART 111 - Cultural Intersections c. 1900	3
ART 112 - Selected Topics in Art History	0-3
ART 113 - Current Chinese Art & Issues	3
ART 117- Chinese Landscape Painting	3
ART 118 - American Landscapes	3
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:

For students who entered Drake prior to fall 2014: 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 60 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 60th-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.

For students entering Drake beginning fall 2014, the benchmark for evaluation will be 30 credit hours instead of 60.

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	Credit Hours
ART 075 - Themes in Art History	4
<i>Select one Foundation Studio class from the following:</i>	3
ART 013 - 2-D Design (for the major)	
ART 014 - 3-D Design	
ART 015 - Drawing I	
<i>Three Art History electives, or Two Art History electives and one Studio course</i>	9
ART 197 - Art History Capstone	4
TOTAL	20

Astronomy

Available Options

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

[Physics and Astronomy department web site](#)

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.S. Degree Requirements

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

Course	Credit Hours
ASTR 001 - Astronomy 1	3
ASTR 01L - Astronomy 1 lab	1
ASTR 041 - Astronomical Techniques	3
ASTR 185 - Astrophysics I	3
ASTR 195 - Astrophysics II	3
PHY 001 (with lab and discussion) - Physics 1	4

PHY 002 (with lab and discussion) - Physics 2	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 050 (with recommended discussion) - Modern Physics	4
PHY 059 - Advanced Lab I	2
PHY 061 - Error Theory	1
PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
PHY 133 (with lab) - Electronics	4
PHY 149 - Advanced Lab II	2
PHY 181 - Quantum Theory	4
PHY 191 - Seminar I	1
PHY 192 - Seminar II	1
Electives - choose at least one from:	2
ASTR 071 - Problems in Positional Astronomy	2
ASTR 180 - Directed Independent Study in Astronomy	1-3
PHY 025 - Special Topics	1-3
PHY 060 - Biophysics	3

PHY 159 - Advanced Lab III	2
PHY 180 - Atomic and Molecular Physics	4
PHY 182 - Thermodynamics and Statistical Physics	4
PHY 183 - Nuclear and Particle Physics	4
PHY 186 - Plasma Physics	3
PHY 187 - Solid State Physics	3
PHY 188 - Advanced Classical Physics	4
PHY 197/198 - Research I/II (Senior Capstone)	4
TOTAL	51

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

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

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

Grade Requirements for Graduation

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

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

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](#)

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	Credit Hours
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

CHEM 001 - General Chemistry I	3
CHEM 003 - General Chemistry 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 108 - Organic Chemistry II	3
CHEM 110 - Organic Chemistry II Lab	1
CHEM 130 - Biochemistry	3
CHEM 131 - Biochemistry Lab	1
CHEM 132 - Advanced Biochemistry	3
CHEM 133 - Advanced Biochemistry Lab	1
BIO 186 - Molecular Biology	3
BIO 187L - Molecular Biology Lab	0-3
BCMB 137 - Advanced Molecular Life Sciences Lab, or BCMB 199 - Research, or BCMB 198 - Internship	3-12
BCMB 195 - Senior Seminar	1

STAT 060 - Statistics for the Life Sciences, or MATH 050 - Calculus I	3-4
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Career Focus Area - <i>individually developed with advisor</i>	15
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Advanced electives - *choose two from the following:*

BIO 116 - Bioinformatics	3
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BIO 126/126L - Developmental Biology and Lab	4
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BIO 182 - Immunology	3
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BIO 188/188L - Structural Biology	5
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BIO 189 - Regulatory Biology	2
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BCMB 161 - Biophysical Chemistry and Lab	4
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BIO 104 - Virology	3
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BIO 185 - Human Genetics	3
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BIO 176 - Neurophysiology	3
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PHY 132 - Medical Biophysics	3
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Total	70
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B.S. Degree Requirements

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

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

Course	Credit Hours
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	0-3
CHEM 001 - General Chemistry I	3
CHEM 003 - General Chemistry I Lab	1
CHEM 002 - General Chemistry II	3
CHEM 004 - General Chemistry II Lab	1
CHEM 081 - Quantitative Chemistry	0-4
CHEM 097 - Organic Chemistry I	3
CHEM 098 - Organic Chemistry I Lab	1
CHEM 108 - Organic Chemistry II	3

CHEM 110 - Organic Chemistry II Lab	1
CHEM 130 - Biochemistry	3
CHEM 131 - Biochemistry Lab	1
CHEM 132 - Advanced Biochemistry	3
CHEM 133 - Advanced Biochemistry Lab	1
BCMB 137 - Advanced Molecular Life Sciences Lab, or BCMB 199 - Research, or BCMB 198 - Internship	3-12
BCMB 161 - Biophysical Chemistry and Lab, or CHEM 165 - Physical Chemistry, or CHEM 182 - Advanced Analytical	3-4
BCMB 195 - Senior Seminar	1
MATH 050 - Calculus I	4
PHY 011	4
PHY 012	4
Total	68

Biology

Available 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](#)

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 a variety of areas. Students can also delve more deeply into disciplines of their choosing in preparation for graduate and professional programs, careers in the health sciences, or careers industry or other areas in the biological sciences.

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, agriculture, and forensic science.

The B.A. in Biology requires a minimum of 32 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).

Course	Credit Hours
BIO 012 - General and Pre-Professional Biology I (with lab)	4

BIO 013 - General and Pre-Professional Biology II (with lab) 4

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 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 5

BIO 125, 125L - Conservation Biology 4

BIO 152, 152L - Field Botany 4

BIO 168, 168L - Limnology 4

Applications of Biological Principles

BIO 021 - Special Topics in Biology 1-3

BIO 024, 024L - Iowa Birds & Birding 2

BIO 025 - Animal Behavior 3

BIO 061 - Natural History Photography 3

BIO 064 - Museum Curation 1-3

BIO 091 - Understanding Evolution 3

BIO 093L - Lab Assistant 1-2

BIO 095 - Medical Microbiology 3

BIO 098 - Introduction to Primatology 3

BIO 099 - Biological Research and Statistical Methods	4
BIO 104 - Introduction to Virology	3
BIO 106L - Research in Genetics	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 112L - Avian Winter Ecology	3
BIO 115, 115L - Aquatic Biology	3
BIO 116 - Bioinformatics	3
BIO 119, 119L - Herpetology	3
BIO 120, 120L - Ecosystem Ecology	4
BIO 121, 121L - Parasitology	5
BIO 122, 122L - Mammalogy	3
BIO 124L - Research Collaboration	1-3
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 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 187L - Molecular Cell Biology Lab	1-3
BIO 188, 188L - Structural Biology	5
BIO 189 - Regulatory Biology	2
BIO 193L - Senior Lab Assistant	2
BIO 195L - Advanced Molecular Life Sciences Lab	3
BIO 198 - Independent Study	1-3
MATH 020 - College Algebra (or higher)	4

MATH 050 - Calculus I, or	3-4
CS 065 - Introduction to Computer Science I, or	
BIO 099 - Biological Research and Statistical Methods	
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
PHY 011 - General Physics I (with lab)	4
PHY 012 - General Physics II (with lab)	4
BIO 199 - Senior Capstone Experience	3
Total	32

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. 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, agriculture, and forensic science.

The B.S. in Biology requires a minimum of 32 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), and a research experience.

Course	Credit Hours
BIO 012 - General and Pre-Professional Biology I (with lab)	4
BIO 013 - General and Pre-Professional Biology II (with lab)	4

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 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 5

BIO 125, 125L - Conservation Biology 4

BIO 152, 152L - Field Botany 4

BIO 168, 168L - Limnology 4

Applications of Biological Principles

BIO 021 - Special Topics in Biology 1-3

BIO 024, 024L - Iowa Birds & Birding 2

BIO 025 - Animal Behavior 3

BIO 061 - Natural History Photography 3

BIO 064 - Museum Curation 1-3

BIO 091 - Understanding Evolution 3

BIO 093L - Lab Assistant 1-2

BIO 095 - Medical Microbiology 3

BIO 098 - Introduction to Primatology 3

BIO 099 - Biological Research and Statistical Methods 4

BIO 104 - Introduction to Virology	3
BIO 106L - Research in Genetics	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 112L - Avian Winter Ecology	3
BIO 115, 115L - Aquatic Biology	3
BIO 116 - Bioinformatics	3
BIO 119, 119L - Herpetology	3
BIO 120, 120L - Ecosystem Ecology	4
BIO 121, 121L - Parasitology	5
BIO 122, 122L - Mammalogy	3
BIO 124L - Research Collaboration	1-3
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 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 187L - Molecular Cell Biology Lab	1-3
BIO 188, 188L - Structural Biology	5
BIO 189 - Regulatory Biology	2
BIO 193L - Senior Lab Assistant	2
BIO 195L - Advanced Molecular Life Sciences Lab	3
BIO 198 - Independent Study	1-3
MATH 020 - College Algebra (or higher)	4
CHEM 001/003 - General Chemistry I (with lab)	4

CHEM 002/004 - General Chemistry II (with lab)	4
CHEM 097/098 - Organic Chemistry I (with lab)	4
CHEM 108/110 - Organic Chemistry II (with lab)	4
PHY 011 - General Physics I (with lab)	4
PHY 012 - General Physics II (with lab)	4
BIO 099 - Biological Research and Statistical Methods	3
BIO 197/197L - Undergraduate Thesis Research	2
BIO 199 - Senior Capstone Experience	3
Total	32

Additional requirements for the major 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
- Research paper and a copy of the presentation submitted to the department

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. 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. A minimum grade-point average of 2.00 must be achieved, and credit/no-credit courses may not be used for the minor. The program for the biology minor must be approved by the chair of the Biology department.

Chemistry

Available 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](#)

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	Credit Hours
CHEM 001 and 003 - General Chemistry I (with lab)	4
CHEM 002 and 004 - General Chemistry II (with lab)	4
CHEM 081 - Quantitative Chemical Analysis	4
CHEM 097 and 098 - Organic Chemistry I (with lab)	4

CHEM 108 and 110 - Organic Chemistry II (with lab) 4

CHEM 197 and 198 - Senior Seminar I and II 2

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 and 131 - Biochemistry (with lab) 4

CHEM 155 - Advanced Organic Chemistry 4

CHEM 161 - Biophysical Chemistry 4

CHEM 165 - Physical Chemistry 4

CHEM 180 - Advanced Inorganic Chemistry 4

CHEM 182 - Advanced Analytical Chemistry 4

CHEM 190 - Integrated Chemistry Topics 4

Other advanced courses with a strong chemical component as approved by the chemistry department

Total 30

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

B.S. Degree Requirements

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

Course	Credit Hours
CHEM 001 and 003 - General Chemistry I (with lab)	4
CHEM 002 and 004 - General Chemistry II (with lab)	4
CHEM 061 - Inorganic Chemistry	3
CHEM 081 - Quantitative Chemical Analysis	4
CHEM 097 and 098 - Organic Chemistry I (with lab)	4
CHEM 108 and 110 - Organic Chemistry II (with lab)	4
CHEM 130 and 131 - Biochemistry (with lab)	4
CHEM 148 - Research in Chemistry	3
CHEM 165 - Physical Chemistry	4
CHEM 195 and 196 - Junior Seminar I and II	2
CHEM 197 and 198 - Senior Seminar I and II	2

Chemistry electives - Select at least 12 credits from the following:

CHEM 132 and 133 - Advanced Biochemistry (with lab)	4
CHEM 155 - Advanced Organic Chemistry	4
CHEM 166 - Intermediate Physical Chemistry	4
CHEM 180 - Advanced Inorganic Chemistry	4
CHEM 182 - Advanced Analytical Chemistry	4
CHEM 190 - Integrated Chemistry Topics	4
Other advanced courses with a strong chemical component as approved by the chemistry department	
Total	50

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 24 credit hours in the following sequence of chemistry courses:

Course	Credit Hours
CHEM 001 and 003 - General Chemistry I (with lab)	4
CHEM 002 and 004 - General Chemistry II (with lab)	4
CHEM 081 - Quantitative Chemical Analysis	4
CHEM 097 and 098 - Organic Chemistry I (with lab)	4

CHEM 108 and 110 - Organic Chemistry II (with lab)	4
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Select one course from the following:

CHEM 130 and 131 - Biochemistry (with lab)	4
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CHEM 155 - Advanced Organic Chemistry	4
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CHEM 161 - Biophysical Chemistry	4
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CHEM 165 - Physical Chemistry	4
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Total	24
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Supplementary courses: Students who wish to minor in chemistry must take one semester of physics and MATH 050 - Calculus I.

Computer Science

Available 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](#)

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	Credit Hours
Core Courses	23
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 130 - Computer Organization and Assembly Language Programming	3

CS 135 - Programming Languages	3
CS 137 - Data Structures <i>or</i> CS 139 - Theory of Computation	3
CS 191 - The Capstone Course	1
MATH 050 - Calculus I	4
MATH 054 - Discrete Mathematics	3
Upper Division Component	18
Computer Science Upper Division Component - 12 hours from the following:	12

Other computer science courses numbered 100 or above, excluding CS 140, the tutoring course, and the Capstone course

IS 145 - Website Technology

IS 150 - Network Management

IS 160 - Database Management

Additional Upper Division Component - 6 hours from the following:	6
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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, the tutoring course, nor the MATH/CS Capstone courses may not be counted)

Total	41
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B.S. Degree Requirements

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

Course	Credit Hours
Core Courses	23
CS 065 - Introduction to Computer Science I	3
CS 066 - Introduction to Computer Science II	3
CS 130 - Computer Organization and Assembly Language Programming	3
CS 135 - Programming Languages	3
CS 137 - Data Structures <i>or</i> CS 139 - Theory of Computation	3
CS 191 - The Capstone Course	1
MATH 050 - Calculus I	4
MATH 054 - Discrete Mathematics	3

Upper Division Component

18

Computer Science Upper Division Component - Select 12 hours from the following:

12

Other computer science courses numbered 100 or above, excluding CS 140, the tutoring course, and the Capstone course

IS 145 - Website Technology

IS 150 - Network Management

IS 160 - Database Management

Additional Upper Division Component - 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, the tutoring course, nor the MATH/CS Capstone courses may not be counted)

Total

41

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

English

Available Options

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

[English minor](#)

[English department web site](#)

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. Undergraduate English majors will be able to:

- reflect critically on issues of textual representation in a diverse set of texts from literary classics to contemporary film, from the Anglo-Saxon canon to postcolonial and feminist expansions of that canon;
- reflect on habits of reading and writing and be able to identify their strengths and limitations in particular contexts;
- use a range of styles and approaches in their writing;
- understand the interrelated nature of writing, reading, thinking, and creating;
- read a text with close attention to its many facets;
- understand past, present and potential approaches to English studies and its relationship to other academic disciplines;
- be aware of a variety of aesthetic, political, material and social contexts for and approaches to English studies.

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 36 hours: at least 15 at the lower division and at least 18 at the upper division. The English major allows for 9 hours of electives, 6 of which must be 100-level courses. At least 18 hours of the required 36 must be 100-level courses. An English course may be used only once to fulfill a particular major requirement. (ENG 054, for instance, may fulfill either Genres or Historicity, but not both.) Transfer students majoring in English must take at least 18

hours of English at Drake. Students with advanced placement (A.P.) will be credited 3 hours of lower-level elective toward the major.

Course	Credit Hours
Lower Division Core	
Gateway	6
ENG 038 - Literary Study (should be taken first or second year)	3
ENG 039 - Writing Seminar (should be taken first or second year)	3
History and Traditions	3
Any ENG course numbered 040-059	3
Culture and Identity	3
Any ENG course numbered 060-079	3
Writing: Topics and Genres	3
Any ENG course numbered 080-099	

Upper Division - *Students must have completed at least 30 hours (including no more than 15 A.P./I.B./high-school transfer hours) and at least 3 hours of the lower division core or received special permission from the instructor to register for upper division courses. Specific prerequisites may be required for some courses.*

Choose a track and complete 9 hours from within one track:

History and Traditions

ENG 104 - History of English Language	3
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ENG 124 - Advanced Topics in History and Traditions	3
ENG 126 - Film/TV History and Criticism	0-3
ENG 130 - Studies in Literary Genre	0-3
ENG 131 - Major Historical Figures	3
ENG 132 - Dickens in London	3
ENG 133 - Major Contemporary Figures	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
ENG 146 - 19th Century British Literature	3-5
ENG 150 - Poetry and Society 1720-1920	3
ENG 152 - 19th Century American Literature	3
ENG 166 - Literature of War	3
ENG 169 - Theories of Myth and Archetypes	3

Theory and Criticism

ENG 102 - Structure of Modern American English	3
ENG 104 - History of English Language	3

ENG 109 - Prose Stylistics	3
ENG 111 - Reading/Writing Personal Essay	3
ENG 112 - Autobiography and Memoir	3
ENG 123 - Advanced Topics in Theory and Criticism	3
ENG 126 - Film/TV History and Criticism	0-3
ENG 130 - Studies in Literary Genre	0-3
ENG 141 - Advanced Topics in Irish Literature	3
ENG 147 - 20th Century British Literature	3
ENG 149 - Contemporary British Literature	3
ENG 155 - 20th Century American Literature	3
ENG 156 - Contemporary American Literature	3
ENG 158 - Literature of South Africa	3
ENG 163 - Trans-Cultural Literature	3
ENG 164 - Latino/a Literature	3
ENG 165 - Postcolonial Literature	3
ENG 166 - Literature of War	3
ENG 168 - Storytelling/Social Practice	0-3

ENG 169 - Theories of Myth and Archetypes 3

ENG 171 - Teaching Writing 3

ENG 172 - Teaching Tutorial Writing 3

Film, Drama, and New Media

ENG 126 - Film/TV History and Criticism 0-3

ENG 127 - Advanced Topics in New Media 3

ENG 128 - Advanced Topics in Drama 3

ENG 129 - Advanced Topics in Film 0-3

ENG 140 - Shakespeare: Texts/Contexts 3

Culture and Identity

ENG 125 - Advanced Topics in Culture & Identity 3-5

ENG 135 - Adolescent Literature 3

ENG 141 - Advanced Topics in Irish Literature 3

ENG 142 - Topics in Early English Texts 3

ENG 143 - Advanced Topics in Early Modern Texts 3

ENG 146 - 19th Century British Literature 3

ENG 147 - 20th Century British Literature 3

ENG 149 - Contemporary British Literature	3
ENG 152 - 19th Century American Literature	3
ENG 155 - 20th Century American Literature	3
ENG 156 - Contemporary American Literature	3
ENG 158 - Literature of South Africa	3
ENG 163 - Trans-Cultural Literature	3
ENG 164 - Latino/a Literature	3
ENG 165 - Postcolonial Literature	3
ENG 168 - Storytelling/Social Practice	0-3

Capstone - *students must have completed ENG 038 and ENG 039 and have junior or senior standing to register for the capstone*

ENG 195 - Capstone in English and Writing, or ENG 197 - Capstone in English	3
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Electives - *At least six hours earned in courses numbered ENG 100 and higher. Up to three hours in courses numbered ENG 020-099. 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. Nine upper-division elective hours may be used to fulfill a second track. Please consult the course lists above four courses that fulfill requirements foreach of the specific tracks: Theory and Criticism; Film, Drama, and New Media; Culture and Identity; History and Traditions.*

Total	36
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English Minor

A minimum of 18 credit hours in English, including ENG 038 - Literary Study and ENG 039 - Writing Seminar, and at least 6 credit hours in courses numbered above 100. An English faculty adviser is required.

Environmental Policy

Available Options

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

[Environmental Science and Policy department web site](#)

Program Overview

Students with an interdisciplinary environmental policy degree will be conversant in multiple discourses that influence environmental policy. Students will develop an understanding of natural science disciplines including the life sciences, physical sciences and environmental issues. An understanding of organisms and their environments, ecosystem function, and atmospheric process is fundamental to formulating policy that protects air, land, water, and biodiversity.

Coursework that emphasizes theory and application of policy is required, and students are able to choose a focus on either national or international issues. A course in statistics will develop an understanding of the importance of research and data analysis for both natural and social scientists. The Capstone experience will require students to complete a group service-learning project in which, working as environmental consultants, they will produce and present a product to a local or regional client.

B.A. Degree Requirements

Students are strongly encouraged to develop depth in a focus area of interest by consulting with their academic advisor or the program director. Students planning to attend either graduate school or law school should also work with their advisor to determine what additional courses will be needed to prepare for admission. Minimum 50 credit hours.

Course	Credit Hours
ENSP 035 - One Earth: Global Environmental Science	3
ENSP 036 - One Earth: Global Environmental Science Lab	1
ENSP 037 - Environmental Case Analysis	3
ENSP 041 - Principles of Geology	4

ENSP 061 - Environmental Sociology 3

ENSP 065 - Geographic Information Systems 3

Economic Foundations 6

Introductory Level 3

ECON 002 - Principles of Microeconomics 3

Advanced Level - *Select one of the following:* 3

ECON 109 - Public Economics 3

ENSP 153 - Ecological Economics 3

ENSP 154 - Environmental Decision Making 3

Advisor-approved 100-level or above economic elective (usually in the ENSP program or Economics department) where the course focuses on the application of economic reasoning to environmental or resource-related issues

Historical Foundations - *Select two of the following:* 6

HIST 067 - Sustainable Development in Africa 6

HIST 194 - Urban Environmental History 3

ENSP 103 - Foundations of Natural History and Environmentalism 3

Advisor-approved history elective (usually in the ENSP program or History department) where the course focuses on the history of an important environmental issue or topic

Social Foundations - *Select two of the following:* 6

ENSP 071 - Environmentalism in the United States 3

ENSP 111 - International Environmental Seminar 3

ENSP 157 - Environmental Justice 3

Advisor-approved social elective (usually in the ENSP program or Study of Culture and Society department) where the course focuses on the interaction between social and environmental aspects of a topic

Political Foundations - *Select two of the following:* 6

POLS 155 - American Public Policy 3

ENSP 107 - Civic Environmentalism/Smart Growth 3

ENSP 156 - Environmental Politics and Policy 3

Advisor-approved political elective (usually in the ENSP program or Politics department) where the course focuses on the political process in a way that helps students to understand the development, implementation, or effects of environmental policies

Area of Specialization 3

100-level ENSP course or advisor-approved elective (100-level or above) in an area of specialization that complements and deepens the student's understanding of one of the foundational areas

Science-Policy Integration - *take six credits from the following:* 6

ENSP 135 - Global Climate Change 3

ENSP 125 - Conservation Biology 0-4

ENSP 150 - Water Resources 0-4

Advisor-approved elective where there is significant consideration of scientific content as well as how the science relates to important discussions in the policy realm

Capstone	3
Total	50

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 ENSP faculty adviser (through enrollment in ENSP 197).

Course	Credit Hours
ENSP 035 - One Earth: Global Environmental Science	3
ENSP 036 - One Earth: Global Environmental Science Lab	1
ENSP 037 - Environmental Case Analysis	3
ENSP 041 - Principles of Geology	4
ENSP 061 - Environmental Sociology	3
ENSP 065 - Geographic Information Systems	3
Economic Foundations	6
Introductory Level	3

ECON 002 - Principles of Microeconomics 3

Advanced Level - *Select one of the following:* 3

ECON 109 - Public Economics 3

ENSP 153 - Ecological Economics 3

ENSP 154 - Environmental Decision Making 3

Advisor-approved 100-level or above economic elective (usually in the ENSP program or Economics department) where the course focuses on the application of economic reasoning to environmental or resource-related issues

Historical Foundations - *Select two of the following:* 6

HIST 067 - Sustainable Development in Africa 6

HIST 194 - Urban Environmental History 3

ENSP 103 - Foundations of Natural History and Environmentalism 3

Advisor-approved history elective (usually in the ENSP program or History department) where the course focuses on the history of an important environmental issue or topic

Social Foundations - *Select two of the following:* 6

ENSP 071 - Environmentalism in the United States 3

ENSP 111 - International Environmental Seminar 3

ENSP 157 - Environmental Justice 3

Advisor-approved social elective (usually in the ENSP program or Study of Culture and Society department) where the course focuses on the interaction between social and environmental aspects of a topic

Political Foundations - *Select two of the following:*

6

POLS 155 - American Public Policy

3

ENSP 107 - Civic Environmentalism/Smart Growth

3

ENSP 156 - Environmental Politics and Policy

3

Advisor-approved political elective (usually in the ENSP program or Politics department) where the course focuses on the political process in a way that helps students to understand the development, implementation, or effects of environmental policies

Area of Specialization

3

100-level ENSP course or advisor-approved elective (100-level or above) in an area of specialization that complements and deepens the student's understanding of one of the foundational areas

Science-Policy Integration - *take six credits from the following:*

6

ENSP 135 - Global Climate Change

3

ENSP 125 - Conservation Biology

0-4

ENSP 150 - Water Resources

0-4

Advisor-approved elective where there is significant consideration of scientific content as well as how the science relates to important discussions in the policy realm

Capstone

3

Total

53

Environmental Policy Minor

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

Course	Credit Hours
BIO 001 - Biological Science for Non-Majors	3
ECON 002 - Principles of Microeconomics	3
ENSP 035 - One Earth: Global Environmental Science	3
ENSP 036 - One Earth: Global Environmental Science Lab	1
<i>Choose one of the following:</i>	
ENSP 154 - Environmental Decision Making	3
ENSP 157 - Environmental Justice	3
POLS 001 - American Political System	3
<i>Choose one of the following:</i>	
POLS 114 - Public Opinion	3
POLS 116 - Media and Modern Politics	3
ENSP 111 - International Environmental Policy Seminar	3
ENSP 156 - Environmental Politics and Policy	3
Total	23

Environmental Science

Available 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 Policy department web page](#)

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

Environmental Science: Biological Conservation

Course	Credit Hours
ENSP 035 - One Earth: Global Environmental Science	3

ENSP 036 - One Earth: Global Environmental Science Lab	1
ENSP 037 - Environmental Case Analysis	3
ENSP 041 - Principles of Geology	4
ENSP 061 - Environmental Sociology	3
ENSP 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 120/120L - Ecosystem Ecology (with lab), or BIO 167/167L - Population and Community Ecology (with lab)	4
CHEM 001/003 - General Chemistry I (with lab)	4

Data Analysis

BIO 099 - Biology Research and Statistical Methods, or STAT 060 - Statistics for the Life Sciences	4 3
ENSP 154 - Environmental Decision-Making, or ENSP 168 - Dynamic Environmental Modeling	3
ENSP 165 - Applications of Geographic Information Systems	3

Field Electives - advisor approved	6
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A field elective is any course in the earth or life sciences that incorporates a significant field component. This could be a laboratory with a large fraction of field activities, or it could be a course where field work is fully integrated into the course itself.

Science-Policy Integration - Select six credits from the following:	6
ENSP 125 - Conservation Biology	4
ENSP 135 - Global Climate Change	3
ENSP 150 - Water Resources	
or advisor-approved elective where there is significant consideration of scientific content as well as how the science relates to important discussions in the policy realm	
ENSP 191 - Capstone	3
TOTAL	62

Environmental Science: Hydrology and Geology

Course	Credit Hours
ENSP 035 - One Earth: Global Environmental Science	3
ENSP 036 - One Earth: Global Environmental Science Lab	1
ENSP 037 - Environmental Case Analysis	3
ENSP 041 - Principles of Geology	4
ENSP 061 - Environmental Sociology	3
ENSP 065 - Geographic Information Systems	3

Physical Science Base

MATH 050 - Calculus I	3
BIO 099 - Biology Research and Statistical Methods, or STAT 060 - Statistics for the Life Sciences	4 3
PHY 001 - Introductory Physics (with lab)	4
CHEM 001 and 003 - General Chemistry I (with lab)	4
CHEM 002 and 004 - General Chemistry II (with lab)	4

Quantitative/Chemical Science - *Select six credits from the following:*

MATH 070 - Calculus II (or higher)	4
CHEM 081 - Quantitative Chemical Analysis (with lab)	4

Area of Specialization - *Select twelve credits from the following:***12**

ENSP 027 - Environmental Hazards	3
ENSP 105 - Environmental Geology	4
ENSP 150 - Landscape Evolution	
ENSP 150 - Global Biogeochemical Cycles	
ENSP 165 - Advanced Geographic Information Systems	3
ENSP 168 - Dynamic Modeling	3

or advisor-approved specialization course

Science-Policy Integration - *Select six credits from the following:*

6

ENSP 125 - Conservation Biology

4

ENSP 135 - Global Climate Change

3

ENSP 150 - Water Resources

or advisor-approved elective where there is significant consideration of scientific content as well as how the science relates to important discussions in the policy realm

ENSP 191 - Capstone

3

TOTAL

62

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 ENSP faculty adviser (through enrollment in ENSP 197).

Environmental Science: Biological Conservation

Course	Credit Hours
ENSP 035 - One Earth: Global Environmental Science	3
ENSP 036 - One Earth: Global Environmental Science Lab	1
ENSP 037 - Environmental Case Analysis	3

ENSP 041 - Principles of Geology	4
ENSP 061 - Environmental Sociology	3
ENSP 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 120/120L - Ecosystem Ecology (with lab), or BIO 167/167L - Population and Community Ecology (with lab)	4
CHEM 001/003 - General Chemistry I (with lab)	4

Data Analysis

BIO 099 - Biology Research and Statistical Methods, or STAT 060 - Statistics for the Life Sciences	4 3
ENSP 154 - Environmental Decision-Making, or ENSP 168 - Dynamic Environmental Modeling	3
ENSP 165 - Applications of Geographic Information Systems	3

Field Electives - advisor approved **6**

A field elective is any course in the earth or life sciences that incorporates a significant field component. This could be a laboratory with a large fraction of field activities, or it could be a course where field work is fully integrated into the course itself.

Science-Policy Integration - *Select six credits from the following:*

6

ENSP 125 - Conservation Biology

4

ENSP 135 - Global Climate Change

3

ENSP 150 - Water Resources

or advisor-approved elective where there is significant consideration of scientific content as well as how the science relates to important discussions in the policy realm

ENSP 191 - Capstone

3

TOTAL

62

Environmental Science: Hydrology and Geology

Course

**Credit
Hours**

ENSP 035 - One Earth: Global Environmental Science

3

ENSP 036 - One Earth: Global Environmental Science Lab

1

ENSP 037 - Environmental Case Analysis

3

ENSP 041 - Principles of Geology

4

ENSP 061 - Environmental Sociology

3

ENSP 065 - Geographic Information Systems

3

Physical Science Base

MATH 050 - Calculus I 3

BIO 099 - Biology Research and Statistical Methods, or
STAT 060 - Statistics for the Life Sciences 4
3

PHY 001 - Introductory Physics (with lab) 4

CHEM 001 and 003 - General Chemistry I (with lab) 4

CHEM 002 and 004 - General Chemistry II (with lab) 4

Quantitative/Chemical Science - *Select six credits from the following:*

MATH 070 - Calculus II (or higher) 4

CHEM 081 - Quantitative Chemical Analysis (with lab) 4

Area of Specialization - *Select twelve credits from the following:* 12

ENSP 027 - Environmental Hazards 3

ENSP 105 - Environmental Geology 4

ENSP 150 - Landscape Evolution

ENSP 150 - Global Biogeochemical Cycles

ENSP 165 - Advanced Geographic Information Systems 3

ENSP 168 - Dynamic Modeling 3

or advisor-approved specialization course

Science-Policy Integration - *Select six credits from the following:*

6

ENSP 125 - Conservation Biology

4

ENSP 135 - Global Climate Change

3

ENSP 150 - Water Resources

or advisor-approved elective where there is significant consideration of scientific content as well as how the science relates to important discussions in the policy realm

ENSP 191 - Capstone

3

TOTAL

62

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 ENSP program and approved before your senior year
- BIO 099 - Biological Research and Statistical Methods, or its advisor-approved equivalent
- A minimum of 2 credits of ENSP 197 - Undergraduate Thesis Research
- Oral presentation of the research to ENSP faculty and students
- Research paper and a copy of the presentation submitted to the ENSP program

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

Environmental Science Minor

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

Course	Credit Hours
ENSP 035 - One Earth: Global Environmental Science	3
ENSP 036 - One Earth: Global Environmental Science Lab	1

BIO 001 - Introduction to Biological Science (or equivalent)	3
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BIO 117 - Ecology	3
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BIO 118L - Ecology Lab	1
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Elective - Select one course from the following:

ENSP 041 - Principles of Geology	4
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ENSP 065 - Geographic Information Systems	3
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ENSP 105 - Environmental Geology	4
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ENSP 135 - Global Change: Science and Policy	3
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ENSP elective in Environmental Policy

ENSP 100-level elective

TOTAL	22
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Graphic Design

Available 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](#)

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	Credit Hours
ART 013 - 2-D Design	3
ART 014 - 3-D Design	3
ART 015 - Drawing I	3
Basic Studio (Printmaking, Painting, or Sculpture) - <i>Select one from the following:</i>	3

ART 056 - Introduction to Printmaking	3
ART 057 - Printmaking: Relief I	3
ART 058 - Printmaking: Intaglio I	3
ART 059 - Printmaking: Lithography I	3
ART 063 - Painting I	3
ART 079 - Sculpture I	3
ART 021 - Digital Media	3
ART 051 - Typography	3
ART 052 - Form & Concept	3
ART 075 - Themes in Art History	3
ART 102 - Theory & Practice	3
ART 114 - Web Design	3
ART 115 - Advanced Typography	3
ART 116 - Content & Audience	3
ART 191 - Design Practicum	3
Graphic Design electives - <i>Select two courses from the following:</i>	6
ART 114 - Web Design	3

ART 129 - Professional Internship Program	1-3
ART 130 - Independent Study	1-3
ART 150 - Special Topics/Graphic Design	3
ART 153 - Bookbinding Workshop	3
Art History electives - <i>Select two courses from the following</i>	6
ART 103 - Art of India, China, and Japan	3
ART 104 - Mapping Experience	3
ART 105 - Italian Renaissance Art History	3
ART 106 - 17th/18th Century Art	3
ART 107 - 19th Century Art History	3
ART 108 - American Art History	4
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	0-3
ART 113 - Current Chinese Art & Issues	3
TOTAL	52

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:

For students who entered Drake prior to fall 2014: 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 60 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 60th-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.

For students entering Drake beginning fall 2014, the benchmark for evaluation will be 30 credit hours instead of 60.

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	Credit Hours
ART 013 - 2-D Design	3
ART 014 - 3-D Design	3
ART 015 - Drawing I	3
ART 016 - Drawing II	3
Basic Studio (Printmaking) - <i>Select one from the following:</i>	3
ART 056 - Introduction to Printmaking	3

ART 057 - Printmaking: Relief I	3
ART 058 - Printmaking: Intaglio I	3
ART 059 - Printmaking: Lithography I	3
ART 063 - Painting I	3
ART 079 - Sculpture I	3
Studio Area of Emphasis - <i>Select three courses from Drawing, Painting, Printmaking, or Sculpture</i>	9
Art History electives (May include art history)	6
ART 051 - Typography	3
ART 052 - Form & Concept	3
ART 102 - Theory & Practice	3
ART 114 - Web Design	3
ART 115 - Advanced Typography	3
ART 116 - Content & Audience	3
ART 155 - Research & Application	3
ART 191 - Design Practicum	3
Graphic Design electives* - <i>Select four courses from the following:</i>	12
ART 129 - Professional Internship Program	1-3

ART 130 - Independent Study	1-3
ART 150 - Special Topics/Graphic Design	3
ART 151 - Publication Design	3
ART 152 - Interactive Design	3
ART 153 - Bookbinding Workshop	3
ART 154 - Advanced Web Design	3
ART 156 - Context & Process	3
TOTAL	85

*Three courses must be numbered 150 or above.

In addition to requirements for all undergraduate degrees, which can be found in the [“Graduation Requirements”](#) 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	Credit Hours
ART 013 - 2-D Design	3
ART 015 - Drawing I	3
ART 021 - Digital Media	3
ART 051 - Typography	3
ART 052 - Form & Concept	3
ART 101 - Graphic Design History	3
ART 102 - Theory & Practice	3
TOTAL	21

History

Available Options

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

[History department web site](#)

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	Credit Hours
Introductory-level classes (001-099)	12
HIST 001 - Passages to 1750	3
HIST 002 - Passages Since 1750	3

Six hours of other introductory-level courses	6
Advanced-level classes (100-149)	6
Colloquia (150-190)	6
Capstone (196-198)	3
Electives - <i>Select twelve hours at any level</i>	12
TOTAL	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	Credit Hours
Introductory-level classes (001-099)	12
HIST 001 - Passages to 1750	3
HIST 002 - Passages Since 1750	3
Six hours of other introductory-level courses	6
Advanced-level classes (100-149)	6
Colloquia (150-190)	6
Capstone (196-198)	3

Electives - <i>Select twelve hours of 100-level classes from a single related major</i>	12
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TOTAL	39
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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	Credit Hours
Advanced-level classes (100-149)	6
Colloquia (150-190)	5
History electives	9
TOTAL	21

International Relations

Available Options

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

[Political Science department web site](#)

Program Overview

The Department of Political Science administers two programs, a [major in Politics](#) and an [interdisciplinary major in International Relations](#) as well as a [minor in Politics](#). 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 International Relations includes coursework that is designed to train students for responsible global citizenship and entry into internationally related jobs in business, government, 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 politics, economics, language, geography and history. 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	Credit Hours
Required Language Study*	Variable

ECON 001 - Principles of Macroeconomics	3
ECON 002 - Principles of Microeconomics	3
POLS 065 - Comparative Politics	3
POLS 075 - World Politics	3
SCSG 002 - Human Geography, or	3
SCSG 003 - World Regional Geography	3
HIST 113 - America as a World Power, or	3
HIST 168 - U.S. Interventionism, or	3
POLS 179 - American Foreign Policy	3
ECON 130 - International Economics, or	3
ECON 175 - Developing Economies, or	
POLS 126 - Political Economy of Globalization	
POLS 192 - Senior Seminar in International Relations	3
Coursework in Comparative Perspectives**	9-12
Europe	
SCSG 132 - Europe	3
HIST 099 - European Women's History	3
HIST 133 - Europe 19th Century	3
HIST 134 - Contemporary Europe	3
POLS 128 - Nationalism/Politics of Eastern Europe	3

POLS 160 - Modern Europe Political Systems 3

POLS 161 - Politics of Russia and the Former Soviet Union 3

POLS 171 - Political Integration of Europe 3

Latin America

ENG 164 - Latino/a Literature 3

HIST 123 - Modern Mexico 3

HIST 125 - Colonial Latin America 3

HIST 126 - Modern Latin America 3

POLS 164 - Government and Politics in Latin America 3

Asia

SCSG 135 - Asia 3

SCSG 176 - South 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 132 - Modern Japan 3

SCSS 130 - Contemporary Chinese Society 3

POLS 162 - Government and Politics of China 3

POLS 163 - Government and Politics of Japan 3

Africa

HIST 060 - Africa in World History 3

HIST 067 - Sustainable Development in Africa 6

HIST 140 - Africa's Colonial Movement 3

HIST 161 - Africa, Africans, and Atlantic Slavery 3

SCSG 134 - Africa 3

Middle East

POLS 133 - The Middle East Through Film 3

POLS 134 - History, Politics, and Society of Modern Egypt 3

POLS 135 - Islam in the 21st Century 3

POLS 136 - The Arab-Israeli Conflict 3

POLS 174 - Politics in the Middle East 3

Cross-Regional

SCSA 125 - Traveling Cultures 3

SCSG 122 - Cultural Geopgraphy	3
SCSG 192 - Advanced Topics	1-3
SCSS 146 - Restorative Justice	3
POLS 129 - Transitions to Democracy	3
POLS 135 - Islam in the 21st Century	3
POLS 137 - Comparative Law & Courts	3
POLS 165 - Government and Politics of Developing Nations	3
POLS 166 - Comparative Political Parties	3
POLS 168 - Politics & Parliaments	3
REL 005 - Topics in Religions Studies	1-3
REL 151 - Selected Topics	3
Coursework in Thematic Perspectives***	9-12
ECON 130 - International Economics	3
ECON 175 - Developing Economies	3
ENG 166 - Literature of War	3
HIST 139 - World War I	3
HIST 169 - U.S. and Origins of the Cold War	3

POLS 121 - U.N./Global Security	3
POLS 123 - Grassroots Globalism	4
POLS 124 - Revisiting Vietnam	3
POLS 125 - Post-Conflict Justice	3
POLS 126 - Political Economy of Globaliza	3
POLS 127 - Global Health	3
POLS 170 - International Law	3
POLS 171 - Political Integration of Europe	3
POLS 173 - Human Rights/World Powers	3
POLS 176 - Gender/International Relations	3
POLS 178 - U.S.-East Asian Relations	3
PSY 134 - Ethnopolitical Conflict	3
REL 155 - Liberation Theology	3
SCSR 112 - Rhetoric & War	3
SCSS 072 - Global Social Change	3
WLC 148 - Intercultural Communication	3

TOTAL

45****

*Students are required to complete two years of coursework or credits in a single language or demonstrate equivalent competence. Options for fulfilling this requirement include bilingual competence due to family background or life experience, high school training, college coursework by transfer from another institution, study abroad and coursework through Drake's World Languages and Cultures program.

**Students must complete a minimum of 9 credit hours in Comparative Perspectives. Students must take 6 credit hours in a single regional area (Africa, Asia, Europe, Latin America, the Middle East) and at least 3 credit hours in the cross-regional area. Students may take an additional 3 credit hours in either this category or in thematic perspectives to fulfill the total credit hour requirements for the major.

***Students must complete a minimum of 9 credit hours in Thematic Perspectives. Students may take an additional 3 credit hours in either this category or in thematic perspectives to fulfill the total credit hour requirements for the major.

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

Law, Politics and Society

Available Options

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

[Law, Politics and Society department web site](#)

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.

Course	Credit Hours
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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
(4) LPS-designated courses outside of the core curriculum, 3 of which must be upper-division	12
LPS 035 - Special Topics (lower division)	3
LPS 135 - Special Topics (upper division)	1-3
LPS 138 - Reproductive Law and Politics in the U.S.	3
LPS 145 - Special Topics (international focus)	3
(2) Lower-division electives in related fields*	6
(4) Upper-division electives in related fields*	12
Total	42

*Related fields include:

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

Related-field courses must have a departmental designation as international/global, and at least one must have a departmental designation as experiential learning.

Mathematics

Available 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](#)

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	Credit Hours
Core Courses	22
MATH 050 - Calculus I	4
MATH 070 - Calculus II	4

MATH 100 - Calculus III	4
MATH 080 - Linear Algebra	3
MATH 101 - Mathematical Reasoning	3
CS 065 - Introduction to Computer Science I	3
MATH 191 - The Capstone Course	1

Upper Level Courses **21**

At least six of these 21 hours must come from Category A. Another six hours must come from Category B, and the remaining nine hours can be from additional courses in Categories A or B, or at most six hours from Category C.

Category A	At least six
MATH 110 - Multivariate Calculus	3
MATH 120 - Applied Differential Equations I	3
MATH 121 - Applied Differential Equations II	3
MATH 125 - Math Modeling	3
MATH 127 - Introduction to Game Theory	3
MATH 131 - Introduction to Probability I	3
MATH 132 - Introduction to Probability II	3
MATH 150 - Discrete Structures	3

MATH 165 - Introduction to Numerical Analysis 3

Category B At least six

MATH 150 - Discrete Structures 3

MATH 153 - Modern Geometry 3

MATH 155 - Abstract Algebra I 3-4

MATH 156 - Abstract Algebra II 3

MATH 157 - History of Math 3

MATH 176 - Advanced Linear Algebra 3

MATH 184 - Introducton to Real Analysis I 3

MATH 185 - Introduction to Real Analysis II 3

MATH 187 - Complex Analysis 3

Category C No more than six

ACTS 120 - Theory of Interest 3

ACTS 141 - Stat Modeling / Data Analysis I 3

ACTS 142 -

ACTS 150 - Life Insurance Math I 3

ACTS 151 - Life Insurance Math II 3

ACTS 160 - Credibility and Simulation	3
BIO/CS 116 - Bioinformatics	3
CS 130 - Computer Organization and Assembly	3
CS 137 - Algorithm Analysis	3
CS 139 - Theory of Computation	3
CS 143 - Artificial Intelligence	3
CS 147 - Computer Graphics	3
ECON 107 - Intro to Econometrics	3
PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
PHY 181 - Quantum Theory	4
PHY 188 - Advanced Classical Physics	4

Total	43
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These courses should be chosen with an advisor to ensure the requirements are satisfied. These remaining courses may be other upper-level mathematics courses (excluding MATH 140 or the mathematics tutoring course) or approved courses in computing, statistics, actuarial science, econometrics, finances, or other areas approved by the advisor.

Mathematics majors also should develop competencies in one or more areas of application of mathematics such as the physical sciences, life sciences, social sciences, or business.

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

Course	Credit Hours
Core Courses	22
MATH 050 - Calculus I	4
MATH 070 - Calculus II	4
MATH 100 - Calculus III	4
MATH 080 - Linear Algebra	3
MATH 101 - Mathematical Reasoning	3
CS 065 - Introduction to Computer Science I	3
MATH 191 - The Capstone Course	1

Upper Level Courses **21**

At least six of these 21 hours must come from Category A. Another six hours must come from Category B, and the remaining nine hours can be from additional courses in Categories A or B, or at most six hours from Category C.

Category A	At least six
MATH 110 - Multivariate Calculus	3
MATH 120 - Applied Differential Equations I	3
MATH 121 - Applied Differential Equations II	3

MATH 125 - Math Modeling	3
MATH 127 - Introduction to Game Theory	3
MATH 131 - Introduction to Probability I	3
MATH 132 - Introduction to Probability II	3
MATH 150 - Discrete Structures	3
MATH 165 - Introduction to Numerical Analysis	3

Category B At least six

MATH 150 - Discrete Structures	3
MATH 153 - Modern Geometry	3
MATH 155 - Abstract Algebra I	3-4
MATH 156 - Abstract Algebra II	3
MATH 157 - History of Math	3
MATH 176 - Advanced Linear Algebra	3
MATH 184 - Introduction to Real Analysis I	3
MATH 185 - Introduction to Real Analysis II	3
MATH 187 - Complex Analysis	3

Category C No more than six

ACTS 120 - Theory of Interest	3
ACTS 141 - Stat Modeling / Data Analysis I	3
ACTS 142 -	
ACTS 150 - Life Insurance Math I	3
ACTS 151 - Life Insurance Math II	3
ACTS 160 - Credibility and Simulation	3
BIO/CS 116 - Bioinformatics	3
CS 130 - Computer Organization and Assembly	3
CS 137 - Algorithm Analysis	3
CS 139 - Theory of Computation	3
CS 143 - Artificial Intelligence	3
CS 147 - Computer Graphics	3
ECON 107 - Intro to Econometrics	3
PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
PHY 181 - Quantum Theory	4
PHY 188 - Advanced Classical Physics	4

Total

43

These courses should be chosen with an advisor to ensure the requirements are satisfied. These remaining courses may be other upper-level mathematics courses (excluding MATH 140 or the mathematics tutoring course) or approved courses in computing, statistics, actuarial science, econometrics, finances, or other areas approved by the advisor.

Mathematics majors also should develop competencies in one or more areas of application of mathematics such as the physical sciences, life sciences, social sciences, or business.

Mathematics Minor

Students must have a departmental minor advisor and complete the following mathematics and related courses. Minimum required hours is 17.

Course	Credit Hours
MATH 050 - Calculus I	4
MATH 070 - Calculus II	4
MATH 080 - Linear Algebra	4
MATH 101 - Mathematical Reasoning	3
Two additional upper-level mathematics courses that must be approved for the program by the advisor.	
<i>MATH 140 - Cooperative Education or the Capstone course may not be one of these.</i>	
CS 065 - Introduction to Computer Science I	3
Total	17

Mathematics for Secondary Education

Available 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](#)

Program Overview

The focus of the program is to provide the necessary mathematics content and methods for students to become mathematics teachers at the middle school to high school level.

In addition to receiving this degree in the College of Arts and Sciences, students also must complete the secondary education major in the School of Education. Students will learn theory and application of mathematics in a range of lower- and upper-level classes, as well as teaching methodology appropriate for teaching at the secondary level. In addition, students will learn how to use appropriate technology in teaching.

B.S. Requirements

This major is designed to furnish studentst 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.

Course	Credit Hours
MATH 045 - Mathematics and Technology	3
MATH 050 - Calculus I	4
MATH 054 - Discrete Mathematics	3
MATH 070 - Calculus II	4

MATH 080 - Linear Algebra	3
MATH 101 - Mathematical Reasoning	3
MATH 144 - Topics in Mathematics Education	3
MATH 145 - Methods of Teaching Secondary School Mathematics	3
MATH 153 - Modern Geometry	3
MATH 155 - Abstract Algebra I	3-4
MATH 157 - History of Mathematics	3
MATH 192 - Mathematics for Secondary Education Capstone	1
CS 065 - Introduction to Computer Science I	3
STAT 071 - Statistics I or ACTS/MATH 131 - Introduction to Probability I	3
<i>MATH 195 - Topics in Mathematics and MATH 125 - Mathematical Modeling are strongly recommended</i>	
Total	42

Mathematics for Secondary Education Minor

The minor provides the courses necessary for mathematics as a secondary teaching field. A students must have a departmental minor advisor and complete the following courses. Minimum required credit hours = 29.

Course	Credit Hours
MATH 050 - Calculus I	4

MATH 054 - Discrete Mathematics	3
MATH 070 - Calculus II	4
MATH 080 - Linear Algebra	3
MATH 101 - Mathematical Reasoning	3
MATH 153 - Modern Geometry	3
MATH 157 - History of Mathematics	3
CS 065 - Introduction to Computer Science I	3
STAT 071 - Statistics I or ACTS/MATH 131 - Introduction to Probability I	3

MATH 045 - Mathematics and Technology and MATH 145 - Methods of Teaching Secondary Mathematics are strongly recommended

Total	29
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Music

Available 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](#)

Program Overview

The Department of Music in the School of Fine Arts is an accredited institutional member of the National Association of Schools of Music. The requirements for entrance and for graduation are in accordance with the published regulations of this association.

For more information regarding specific policies, procedures, regulations, ensembles, recitals, competitions, student organizations, and other resources, consult the [Music Department web site](#).

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	Credit Hours
Applied Instrument (MUS courses numbered 170-180)	16
Materials of Music I, II, III, IV (MUS 001-002, 003-004, 051-052, 053-054)	16

Post-Tonal Theory	3
Music History and Literature (MUS 81, 85, 95, and 105)	12
Ensemble (MUS 148, 149 or 150)	8
Music literature/theory electives	5-6
Junior Research Seminar (MUS 167)	1
Senior Thesis (MUS 168)	2
Recital attendance (MUS 21, 8 semesters)	CR
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.

Winds, Brass, and Percussion Track

The winds, brass, 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	Credit Hours
Applied Instrument	32
MUS 006, 007, 049, 050 (Class Piano), or equivalent private lessons in MUS 170	4

Materials of Music I, II, III, IV (MUS 001-002, 003-004, 051-052, 053-054)	16
Post-Tonal Theory	3
Music History and Literature (MUS 081, 085, 095, 105)	12
Ensemble (MUS 148 or 150)	8
Upper division music courses (MUS 106, 114, and 161)	6
Chamber music (MUS 181)	1
Senior recital	CR
Recital attendance (MUS 21, 8 semesters)	CR
TOTAL	82

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	Credit Hours
Applied keyboard	32
Applied minor instrument	4
Materials of Music I, II, III, IV (MUS 001-002, 003-004, 051-052, 053-054)	16
Post-Tonal Theory	3

Music History and Literature (MUS 081, 085, 095, 105)	12
Ensemble (MUS 148, 149, or 150)	8
Keyboard practica (MUS 092, 109, 110, and 113)	8
Conducting (MUS 161 or 163)	2
Senior recital	CR
Recital attendance (MUS 21, 8 semesters)	CR
TOTAL	85

Strings Track

The strings track takes 39 to 40 hours in the applied major and minor, 31 to 34 hours in music theory and history-literature and eight hours of ensemble, plus the Drake Curriculum and free electives. (Hours vary according to each instrument; students should consult with advisers for specific number of hours.)

Course	Credit Hours
Applied instrument	32
Class Piano (MUS 006, 007, 049, 050), or equivalent private lessons in MUS 170	4
Materials of Music I, II, III, IV (MUS 001-002, 003-004, 051-052, 053-054)	16
Post-Tonal Theory	3
Music History and Literature (MUS 081, 085, 095, 105)	12
Ensemble (150)	8

Upper division music courses (MUS 106, 114, 116, and 161)	8
Chamber Music (MUS 181)	4
Orchestral Excerpts (MUS 059)	2
Senior recital	CR
Recital attendance (MUS 21, 8 semesters)	CR
TOTAL	89

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	Credit Hours
Applied voice	32
Class Piano (MUS 006, 007, 049, 050), or equivalent private lessons in MUS 170	4
Materials of Music I, II, III, IV (MUS 001-002, 003-004, 051-052, 053-054)	16
Post-Tonal Theory	3
Music History and Literature (MUS 081, 085, 095, 105)	12
Ensemble (MUS 149)	8
Diction (MUS 075 and MUS 076)	4

Upper division music courses (MUS 140, 154, and 163)	6
Foreign language	6
Senior recital	CR
Recital attendance (MUS 21, 8 semesters)	CR
TOTAL	91

Elective Studies in Business

Course	Credit Hours
Applied instrument	16
Class Piano (MUS 006, 007, 049, 050), or equivalent private lessons in MUS 170	4
Materials of Music I, II, III, IV (MUS 001-002, 003-004, 051-052, 053-054)	16
Post-Tonal Theory	3
Music History and Literature (MUS 081, 085, 095, 105)	12
Ensemble (148, 149, or 150)	8
Other music courses (MUS 091 and 161 or 163)	5
Business courses (ECON 001-002, ACCT 041, IS 044, BLAW 060, FIN 095, MKTG 101, MGMT 110, ENTR 101)	27
Internship	3
Recital attendance (MUS 21, 8 semesters)	CR

TOTAL	94
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Music Minor

The minor in music is intended for students with musical skills who do not wish to pursue careers in music. This program does not satisfy the requirement for certification in a minor teaching area. The minimum requirement for the minor is 23 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	Credit Hours
Applied instrument	4
Materials of Music I and II (MUS 001-002, 003-004)	8
Introduction to Western Music (MUS 080)	3
Music history/literature electives	3-4
Other music electives	5-6
TOTAL	23-25

B.M.E. Degree Requirements

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, 106, 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 own 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	Credit Hours
Applied instrument	16
Class Piano (MUS 006, 007, 049, 050), or equivalent private lessons in MUS 170	4
Introduction to Music Education (MUS 013)	1

Materials of Music I, II, III, and IV (MUS 001, 002, 003, 004, 051, 052, 053, 054)	16
Post-Tonal Theory	3
Music History and Literature (MUS 081, 085, 095, and 105)	12
Ensemble (MUS 149)	8
Diction (MUS 075, 076)	4
Upper-division music courses (MUS 154, 155, 156, 158, 162, 163, 164 and 166)	14
Education courses (EDUC 103, 105/106, 109, 142, 164, 166, 167, 168, 169, SPED 120)	31
Small ensemble	CR
Recital attendance (MUS 021, eight semesters)	CR
TOTAL	109

Instrumental/General Classroom Emphasis

Course	Credit Hours
Applied instrument	16
Class Piano (MUS 006, 007, 049, 050), or equivalent private lessons in MUS 170	4
Introduction to Music Education (MUS 013)	1
Materials of Music I, II, III, and IV (MUS 001, 002, 003, 004, 051, 052, 053, 054)	16
Post-Tonal Theory	3

Music History and Literature (MUS 081, 085, 095, and 105)	12
Ensemble (MUS 148 or 150)	8
Upper-division music courses (MUS 134, 146, 156, 158, 159, 161, and 162)	13
Methods courses	5-6
Education courses (EDUC 103, 105/106, 109, 142, 164, 166, 167, 168, 169, SPED 120)	31
Small ensemble	CR
Recital attendance (MUS 021, eight semesters)	CR
TOTAL	109-110

Musical Theatre

Available Options

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

[Minor in Musical Theatre](#)

[Theatre Arts department web site](#)

Program Overview

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.

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	Credit Hours
THEA 003 - Acting I	3
THEA 004 - Acting II	3
THEA 005 - Readings in Theatre	3
THEA 014 - Movement I	2

THEA 015 - Movement II	2
THEA 018 - Musical Theatre Dance Styles	3
THEA 020 - Voice I	2
THEA 021 - Voice II	3
THEA 030 - Stagecraft (including lab)	4
THEA 031 - Costuming (including lab)	4
THEA 032 - Makeup	3
THEA 055 - Acting III	3
THEA 056 - Jazz	3
THEA 057 - Tap	3
THEA 058 - Ballet	3
THEA 059 - Modern	3
THEA 060 - Musical Theatre I	3
THEA 100 - Acting IV	3
THEA 101 - Musical Theatre II	3
THEA 102 - Auditioning	3
THEA 103 - Directing I	3

THEA 120 - Theatre History I	3
THEA 121 - Theatre History II	3
THEA 123 - American Musical Theatre	3
THEA 124 - Technical Practicum	1
THEA 160 - Stage Management	3
THEA 190 - Senior Capstone	1
MUS 006 - Piano Lab 1*	1
MUS 007 - Piano Lab 2	1
MUS 011 - Foundations of Music Theory	3
MUS 049 - Piano Lab 3	1
MUS 050 - Piano Lab 4	1
MUS 171 - Voice Lessons 1	1
MUS 171 - Voice Lessons 2	1
MUS 171 - Voice Lessons 3	1
MUS 171 - Voice Lessons 4	1
MUS 171 - Voice Lessons 5	1
MUS 171 - Voice Lessons 6	1

MUS 171 - Voice Lessons 7	1
MUS 171 - Voice Lessons 8	1
Total	88

* Students must demonstrate competency in piano equivalent to the completion of MUS 007. This may require students to take MUS 006 as a prerequisite depending on level of experience. Students proficient in piano beyond the level of MUS 007 are eligible to test out of the requirement entirely. All determinations regarding piano proficiency are at the discretion of the piano instructor.

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	Credit Hours
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
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THEA 032 - Makeup	3
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Choose one of the following courses:

THEA 018 - Musical Theatre Dance Styles	3
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THEA 056 - Jazz	3
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THEA 057 - Tap	3
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THEA 058 - Ballet	3
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THEA 059 - Modern	3
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Required Music Courses:

MUS 006 - Piano Lab I*	1
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MUS 007 - Piano Lab II	1
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MUS 011 - Foundations of Music Theory	3
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MUS 171 - Voice Lessons 1	1
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MUS 171 - Voice Lessons 2	1
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Total	24-27
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* Students must demonstrate competency in piano equivalent to the completion of MUS 007. This may require students to take MUS 006 as a prerequisite depending on level of experience. Students proficient in piano beyond the level of MUS 007 are eligible to test out of the requirement entirely. All determinations regarding piano proficiency are at the discretion of the piano instructor.

Neuroscience

Available Options

- [Bachelor of Science \(B.S.\) degree with a major in Neuroscience](#)
- [Neuroscience minor](#)

[Psychology department web site](#)

Program Overview

The neuroscience program is nested under the direction of the Psychology Department, 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	Credit Hours
General Requirements	

Statistics

PSY 011 - Introductory Statistics (with lab) 4

Note: BIO 099 - Bio Research & Stat Methods or both STAT 071 - Statistics I and STAT 072 - Statistics II may substitute for PSY 011. Students choosing BIO 099 should take TWO lab courses listed under "Advanced Neurobiological Systems" to make up for the lost credit hour and laboratory time.

General Biology

BIO 012 - General/Pre-Professional Biology I (with lab) 4

BIO 013 - General/Pre-Professional Biology II (with lab) 4

Chemistry

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

Related Courses - choose two: one upper-division and one non-research/internship

BIO 114 - Evolution 3

NSCI 095 - Special Topics in Neuroscience 3

NSCI 190/191 - Independent Study 3

NSCI 192 - Internship 3

NSCI 195 - Special Topics Seminar	3
NSCI 198 - Research Seminar	3
PHIL140 - Neuroscience and the Law	3
PSY 026 - Human Evolutionary Psychology	3
PSY 028 - Drugs and Behavior - <i>note: this course cannot substitute for PHAR 119</i>	3
PSY 060 - Principles of Behavior	3
PSY 076 - Abnormal Psychology	3
PSY 148 - Psychology of Developmental Disabilities	3
PSY 176 - Advanced Psychopathology	3

Core Requirements

Basic foundations of neuroscience (all courses required with a grade of "C" or higher)

NSCI 001 - Introduction to Neuroscience	3
NSCI 010 - Research Methods in Neuroscience (with lab)	3

Advanced behavioral theory laboratory - *choose one course*

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

Applications of neuroscience - *choose one course*

PSY 148 - Psychology of Developmental Disabilities 3

PSY 176 - Advanced Psychopathology 3

Quantitative analysis - *choose one course*

MATH 050 - Calculus I 4

PSY 111 - Advanced Statistics (with lab) 4

PSY 133 - Psychological Assessment (with lab) 4

Advanced neurobiological systems - *choose four with at least one from each cluster*

Cluster A

BIO 129 - Mammalian Physiology (with lab) 5

BIO 165 - Cell Biology 4

CHEM 130/131 - Biochemistry (with lab) 4

Cluster B

BIO 105 - Introduction to Genetics 3

BIO 107/NSCI 127/PSY 127 - Behavior Genetics 3

BIO 176 - Neurophysiology 3

Cluster C

PHAR 119 - Neuropharmacology 3

PSY 122 - Sensation and Perception 3

PSY 128 - Hormones and Behavior 3

Capstone - choose one of the following with the prior approval of both the advisor and instructor; approved capstone experiences will be designated with a 'C'

NSCI 190C or 191C - Independent Study 3

NSCI 192C - Internship 3

NSCI 195 - Special Topics in Neuroscience Capstone 3

NSCI 198 - Research Seminar in Neuroscience Capstone 3

Note: Students should work closely with their faculty advisors to find an appropriate capstone experience to fulfill the requirements of the Drake Curriculum. To be counted as a capstone, the experience must be the equivalent of 3 credit hours. No experience should be considered "approved" until the student has consulted the faculty advisor. Advisors will typically approve the following kinds of experiences listed above.

Total 64

Neuroscience Minor

Course	Credit Hours
Basic foundations of neuroscience	

NSCI 001 - Introduction to Neuroscience	3
NSCI 010 - Research Methods in Neuroscience (with lab)	3
BIO 012 - General/Pre-Professional Biology I (with lab)	4
PSY 011 - Introductory Statistics (with lab)	4

Note: BIO 099 - Biology Research and Stat Methods or both STAT 071 - Statistics I and STAT 072 - Statistics II may substitute for PSY 011

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
PSY 122 - Sensation and Perception	3
PSY 128 - Hormones and Behavior	3

Advanced laboratory and application - *choose two, one of which must be a four-hour laboratory course*

NSCI 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

NOTE: a minimum of 12 credit hours must be taken at Drake, and 3 of these must be upper division.

Total	34
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Open-Enrolled Arts and Sciences

Available Options

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.

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 - 3-D Design	3
ART 015 - Drawing I	3
ASTR 001/001L - Intro to Astronomy (with lab)	3
BIO 012/012L - General and Pre-Professional Biology I (with lab)	4

CHEM 001/003 - General Chemistry I (with lab)	4
CS 065 - Intro to Computer Science	3
ECON 002 - Microeconomics	3
ENG 038 - Literary Study	3
ENG 039 - Writing Seminar	3
ENSP 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, Italian, Japanese, Spanish)	3
LPS 001 - Intro to Law, Politics and Society	3
LPS 002 - Critical Concepts in Law, Politics and Society	3
MATH 020 - College Algebra	4
MATH 028 - Business Calculus	3
MATH 050 - Calculus I	4
NSCI 001 - Intro to Neuroscience	3

PHIL 021 - Intro to Philosophy	3
POLS 001 - American Political System	3
POLS 065 - Comparative Politics	3
POLS 075 - World Politics	3
PSY 001 - Intro to Psychology	4
REL 001 - Intro to Religion	3
SCSA 002 - Intro to Cultural Anthropology	3
SCSG 002 - Human Geography	3
SCSG 003 - World Geography	3
SCSS 001 - Survey of Sociology	3
SCSR 024 - Rhetoric as a Liberal Art	3
SCSR 073 - Public Speaking	3
<i>Discipline-Specific Introductory Courses (1 credit)</i>	
BCMB 005 - Intro to Molecular Science	1
BIO 015 - Introduction to Biology	1
BUS 001 - The Business Profession	.5
CHEM 005 - Intro to Molecular Science	1

EDUC 001 - Intro to Education	1
HONR 001 - Honors Practicum	1
PHY 005 - Introductory Topics in Physics	0-4

*Approved by the Arts and Sciences Council on October 8, 2014.

Philosophy

Available Options

- [Bachelor of Arts \(B.A.\) degree with a major in Philosophy](#)
- [Minor in Philosophy](#)

[Philosophy and Religion department web site](#)

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	Credit Hours
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 - <i>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</i>	15
Area A: Mind, Language, and Knowledge	
PHIL 110 - Phenomenology & Existentialism	3
PHIL 114 - Symbolic Logic	3
PHIL 120 - Language & Interpretation	3
PHIL 126 - Theory of Knowledge/Belief	3
PHIL 128 - Language and Reality	3
PHIL 129 - Philosophy of Science	3

PHIL 130 - Minds, Brains, and Computers	3
PHIL 139 - Moral Truth	3
PHIL 140 - Neuroscience and the Law	3

Area B: Society, Politics, and Values

PHIL 091 - Contemporary Ethical Problems	3
PHIL 110 - Phenomenology & Existentialism	3
PHIL 117 - Health Care Ethics	3
PHIL 118 - Feminist Ethics	3
PHIL 124 - Health and Social Justice	3
PHIL 137 - Rights & Responsibilities	3
PHIL 138 - Philosophy of Art	3
PHIL 140 - Neuroscience and the Law	3

Area C: Comparative Philosophy

REL 062 - Religions of India	3
PHIL 102 - Philosophy and Religion in Japan	3
PHIL 103 - Philosophy and Religion in China	3
PHIL 111 - Eastern Philosophy	3

PHIL 121 - Comparative Religions

3

PHIL 125 - Philosophy of Religion

3

TOTAL

33

Philosophy Minor

Course	Credit Hours
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PHIL 021 - Introduction to Philosophy, or PHIL 090 - Ethics	3
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3

3

PHIL 104 - Ancient Philosophy, or PHIL 106 - Modern Philosophy	3
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3

3

Elective courses - *at least two must be 100+ level*

12

TOTAL

18

Physics

Available Options

- [Bachelor of Arts \(B.A.\) with a major in Physics](#)
- [Bachelor of Science \(B.S.\) with a major in Physics](#)
- [Physics minor](#)
- [Physics/Engineering 3+2 or 4+2 programs with Washington University](#)

[Physics and Astronomy department web page](#)

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	Credit Hours
PHY 001 (with lab and discussion) - Physics 1	4
PHY 002 (with lab and discussion) - Physics 2	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 050 (with recommended discussion) - Modern Physics	4
PHY 059 - Advanced Lab I	2
PHY 061 - Error Theory	1

PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
PHY 149 - Advanced Lab II	2
PHY 181 - Quantum Theory	4
PHY 191 - Seminar I	1
PHY 192 - Seminar II	1
Electives - choose at least one from:	2
ASTR 001 - Astronomy I	4
ASTR 180-183 - Directed Independent Study in Astronomy	1-3
ASTR 185/195 - Astrophysics I/II	4
PHY 060 - Biophysics	3
PHY 133 - Electronics	4
PHY 170 - Directed Physics Independent Study	1-3
PHY 181 - Quantum Theory	4
PHY 182 - Thermodynamics and Statistical Physics	4
PHY 188 - Advanced Classical Physics	4
PHY 197/198 - Research I/II (Senior Capstone)*	4

TOTAL	31
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NOTE: Students in the B.A. program must be advised that graduate studies in physics will require more of the advanced courses.

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

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

Grade Requirements for Graduation

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

* Research Participation (Capstone): 3 cr (min) of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates). A paper and an oral presentation are required.

B.S. Degree Requirements

This degree is suitable for students who want to pursue graduate studies leading to research and academic careers in physics, biophysics or related fields. It can also be used as the basis for other careers such as engineering, actuarial science, medicine, law, computer programming and finances. It can be accompanied by the Biophysics concentration for those students interested in applications of physics to biological systems. The Physics B.S. program is very rigorous in Mathematics.

Course	Credit Hours
PHY 001 (with lab and discussion) - Physics 1	4
PHY 002 (with lab and discussion) - Physics 2	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 050 (with recommended discussion) - Modern Physics	4
PHY 059 - Advanced Lab I	2
PHY 061 - Error Theory	1

PHY 121 - Theoretical Mechanics	4
PHY 122 - Electromagnetic Theory	4
PHY 133 (with lab) - Electronics	4
PHY 149 - Advanced Lab II	2
PHY 181 - Quantum Theory	4
PHY 182 - Thermodynamics and Statistical Physics	4
PHY 191 - Seminar I	1
PHY 192 - Seminar II	1
Electives - choose at least one from:	9
ASTR 185/195 - Astrophysics I/II	4
PHY 025 - Special Topics	1-3
PHY 132 - Medical Biophysics	3
PHY 170 - Directed Physics Independent Study	1-3
PHY 180 - Atomic and Molecular Physics	4
PHY 183 - Nuclear and Particle Physics	4
PHY 186 - Plasma Physics	3
PHY 187 - Solid State Physics	3

PHY 188 - Advanced Classical Physics	4
PHY 197/198 - Research I/II (Senior Capstone)*	4
TOTAL	49

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

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

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

Grade Requirements for Graduation

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

Physics Minor

The physics minor can complement any degree in the sciences (such as Mathematics, Computer Science, Biology, Chemistry, Biochemistry or Environmental Science), liberal arts or professional degrees (such as Pharmacy, Health Sciences, or Education), providing a solid background in scientific knowledge and analytical skills. The physics minor program requires some mathematics.

Course	Credit Hours
PHY 001 (with lab and discussion) - Physics 1	4
PHY 002 (with lab and discussion) - Physics 2	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
PHY 050 (with recommended discussion) - Modern Physics	4
PHY 059 - Advanced Lab I	2

PHY 061 - Error Theory	1
PHY 191 - Seminar I	1
PHY 192 - Seminar II	1
TOTAL	18

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

Grade Requirements for Graduation

2.0 minimum (C) average is required in all physics-credit courses.

NOTE: There is no minor in Astronomy. Interested students can select a minor in Physics and also take Astronomy I with laboratory.

Physics/Engineering 3+2 or 4+2 Programs

This is a dual-degree Physics and Engineering program.

Students take all the general education courses at Drake University as well as three years of physics or astronomy courses following the B.S. or B.A. curricula and then, upon satisfactory completion of the coursework, transfer to Washington University to finish a program in an engineering field of their choice. At the end they acquire two degrees, one in Physics or Astronomy and one in Engineering. Typical engineering fields include electrical, electronic, mechanical, computer, civil, chemical (this may require more chemistry courses), and biomedical (this may require biophysics or some biology courses).

A Master's degree option is also available.

Politics

Available Options

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

[Political Science department web page](#)

Program Overview

The Department of Political Science administers two programs, a [major in Politics](#) and an [interdisciplinary major in International Relations](#) as well as a [minor in Politics](#). 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	Credit Hours
POLS 001 - American Political System	3

POLS 065 - Comparative Politics	3
POLS 075 - World Politics	3
POLS 085 - Concepts in Politics	3
POLS 095 - Methods in Politics	3
POLS 18x - (course in Political Theory - <i>any course in the 180-189 range may fulfill this requirement</i>)	3
POLS 191 - Senior Seminar in Politics	3
Politics Electives	12
Coursework in Related Fields*	9
TOTAL	42

*Politics majors must complete nine credit hours (in 100 level courses) in a single related field: History, Sociology, Philosophy or Economics. Students can meet the related fields requirement in other appropriate disciplines or with a group of classes that combine disciplines after discussion with, and approval from, their advisor.

**For graduation, Politics majors also must have at least a 2.00 cumulative G.P.A. in all Politics courses (including those beyond the 33-hour requirement) as well as in the related-field courses applied to the major.

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	Credit Hours
POLS 001 - American Political System	3
POLS 065 - Comparative Politics	3

POLS 075 - World Politics	3
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POLS 18x (course in Political Theory - <i>any course in the 180-189 range may fulfill this requirement</i>)	3
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Politics Electives	6
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TOTAL	18
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Psychology

Available 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](#)

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

39 credits of coursework in the Department of Psychology, which must include:

Course	Credit Hours
PSY 001 - Introduction to Psychology (with lab)	4
PSY 010 - Research Methods in Psychology	3

PSY 011 - Introduction to Statistics for Psychology 4

Note: BIO 099 - Biology Research and Statistics Methods or both STAT 071 - Statistics I and STAT 072 - Statistics II may substitute for PSY 011

Note: students must pass PSY 010 and PSY 011 with a grade of "C" or better to enroll in some upper-division psychology courses and to complete the psychology major.

Choose one course including a laboratory section 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

Psychology courses providing at least 12 additional hours of upper-division credit. Laboratory courses beyond the one required may be used to complete the upper-division requirements. Independent studies, internships, and research seminars do not count towards these 12 hours, but they do count as electives.

At least one course must be completed in each of the following four themes to help ensure a broad exposure to the discipline:

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 154 - Theories of Consciousness	3
PSY 162 - Applied Behavior Analysis	3-4

Theme C - Clinical, Personality & Assessment

PSY 076 - Abnormal Psychology	3
PSY 081 - Human Sexuality	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 134 - Ethnopolitical Conflict	3
PSY 142 - Behavior Analysis Child Development	3
PSY 148 - Psychology of Developmental Disabilities	3
PSY 183 - Industrial Psychology	3
Students also must complete a capstone, which may consist of	
A designated capstone course	
PSY 145 - Applied Professional Ethics Psychology, or	3

PSY 151 - History and Systems of Psychology

TOTAL

39

Research experience approved by a faculty member and advisor as a capstone and designated as such during the semester of enrollment with a "C"

An internship involving a scholarly project, approved by a faculty member and advisor as a capstone and designated with a "C" during the semester of enrollment

A senior seminar designated as a capstone experience

Students must obtain a minimum grade point average of 2.0 in psychology (computed across all psychology courses) to graduate with a B.A. in psychology.

Notes

- Of the 39 credit hours in psychology needed for the major, 18 must be taken at Drake that do not include independent study, research seminars or internships, and a minimum of 9 of these credits must be upper-division psychology credits.
- A maximum of 6 credit hours of independent study and/or internship may be counted toward the 39 credit hours for the major.

B.S. Degree Requirements

39 credits of coursework in the Department of Psychology, which must include:

Course	Credit Hours
PSY 001 - Introduction to Psychology (with lab)	4
PSY 010 - Research Methods in Psychology	3
PSY 011 - Introduction to Statistics for Psychology	4

Note: BIO 099 - Biology Research and Statistics Methods or both STAT 071 - Statistics I and STAT 072 - Statistics II may substitute for PSY 011

Note: students must pass PSY 010 and PSY 011 with a grade of "C" or better to enroll in some upper-division psychology courses and to complete the psychology major.

Choose one course including a laboratory section 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

Psychology courses providing at least 12 additional hours of upper-division credit. Laboratory courses beyond the one required may be used to complete the upper-division requirements. Independent studies, internships, and research seminars do not count towards these 12 hours, but they do count as electives.

At least one course must be completed in each of the following four themes to help ensure a broad exposure to the discipline:

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 154 - Theories of Consciousness	3
PSY 162 - Applied Behavior Analysis	3-4

Theme C - Clinical, Personality & Assessment

PSY 076 - Abnormal Psychology	3
PSY 081 - Human Sexuality	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 134 - Ethnopolitical Conflict	3
PSY 142 - Behavior Analysis Child Development	3
PSY 148 - Psychology of Developmental Disabilities	3
PSY 183 - Industrial Psychology	3

12 hours of natural science courses outside the psychology department in astronomy; biology; chemistry; biochemistry, cell and molecular biology (B.C.M.B.); computer science; mathematics (020 or above); physics; environmental science (a science-based course); and neuroscience (not cross-listed with psychology). MATH 020 - College Algebra and MATH 050 - Calculus I are among the courses that may be selected to complete this requirement. Two of the natural science courses (8 of the 12 hours) outside of the major department must include a laboratory.

Students also must complete a capstone, which may consist of

A designated capstone course

PSY 145 - Applied Professional Ethics Psychology, or
PSY 151 - History and Systems of Psychology

3

Research experience approved by a faculty member and advisor as a capstone and designated as such during the semester of enrollment with a "C"

An internship involving a scholarly project, approved by a faculty member and advisor as a capstone and designated with a "C" during the semester of enrollment

A senior seminar designated as a capstone experience

Students must obtain a minimum grade point average of 2.0 in psychology (computed across all psychology courses) to graduate with a B.S. in psychology.

Total

39

Notes

- Of the 39 credit hours in psychology needed for the major, 18 must be taken at Drake that do not include independent study, research seminars or internships, and a minimum of 9 of these credits must be upper-division psychology credits.
- A maximum of 6 credit hours of independent study and/or internship may be counted toward the 39 credit hours for the major.
- Students interested in graduate study in psychology are encouraged to participate in research seminars (PSY 198) and/or independent study (PSY 090, 091, 190, 191), and take PSY 151 - History and Systems. Courses strongly recommended for students with a grade point average of 3.00 and above who are interested in graduate study in psychology include PSY 111 - Advanced Statistics and two laboratory courses, one focusing on human behavior and the other on animal behavior.

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.

Requirements:

A minimum of 22 credit hours of courses offered by the Department of Psychology, which must include PSY 001 (with lab) and at least one upper-division course. Required hours may not be fulfilled with independent study, research seminars, or internships. A minimum of 12 credit hours must be taken at Drake, and three of these must be upper division. Courses taken on a credit/no credit basis may not be used for the minor.

Quantitative Economics

Available Options

- [Bachelor of Arts \(B.A.\) with a major in Quantitative Economics](#)
- [Bachelor of Science in Business Administration \(B.S.B.A.\) with a major in Quantitative Economics](#)

[Mathematics and Computer Science department web site](#)

Program Overview

Quantitative Economics is a joint program of the College of Business and Public Administration and the Mathematics department of the College of Arts and Sciences. The program offers integrated study in mathematics, statistics, and economics. The program is designed to prepare students for graduate study in economics (M.A. or Ph.D. programs) or business (Ph.D. programs or quantitatively oriented M.B.A. programs). The program also prepares students for research-oriented jobs in government, business, or consulting.

Two degree options are offered: a Bachelor of Science in Business Administration (B.S.B.A.) with a major in Quantitative Economics, and a Bachelor of Arts (B.A.) with a major in Quantitative Economics. Students who choose the B.S.B.A. degree should enroll in the College of Business and Public Administration. Students who choose the B.A. degree may enroll in either the College of Business and Public Administration or the College of Arts and Sciences. Students earning the B.S.B.A. degree must also complete the required business core curriculum.

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

B.A. Degree Requirements

Students who choose the B.A. degree may enroll in either the College of Business and Public Administration or the College of Arts and Sciences.

Course	Credit Hours
Mathematics	22
MATH 050 - Calculus I	4
MATH 070 - Calculus II	4
MATH 080 - Linear Algebra	3

MATH 100 - Calculus III 4

MATH 191 - Mathematics Capstone 1

Two elective courses in Mathematics at the 100-level, chosen from the following

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 I 3

Statistics 6

ACTS/MATH 131 - Introduction to Probability I 3

STAT 072 - Statistics II or ACTS 141 - Statistical Modeling and Data Analysis I 3

Economics 21

ECON 001 - Principles of Macroeconomics 3

ECON 002 - Principles of Microeconomics 3

ECON 107 - Introduction to Econometrics or ACTS 170 - Statistical Modeling and Data Analysis II 3

ECON 173 - Intermediate Microeconomics Analysis 3

ECON 174 - Intermediate Macroeconomics Analysis	3
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Two elective courses in Economics at the 100-level	6
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Capstone	1 or 3
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Students choose one of the following, depending on the college and degree to be earned:

MATH 191 - Mathematics Capstone - <i>for the B.A. degree in College of Arts and Sciences</i>	1
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ECON 199 - Independent Study - <i>for the B.A. degree in College of Business and Public Administration majors</i>	1
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BUS 195 - Business Strategy and Policy - <i>for the B.S.B.A. degree in College of Business and Public Administration</i>	3
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Total	50
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Religion

Available Options

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

[Philosophy and Religion department web site](#)

Program Overview

The study of religion at Drake is the study of sacred texts and their interpretations, of theological and ethical reasoning, of diverse religious practices and ideas, and of the meaning of the religious quest for a comprehensive understanding of reality. In addition to the possibilities that the study of religion 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 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
One Theory course	3
REL 121 - Comparative Religions	3
REL 125 - Philosophy of Religion	3
REL 155 - Liberation Theology	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 - <i>at least two must be 100+ level</i>	12
TOTAL	18

Rhetoric, Media, and Social Change

Available 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](#)

Program Overview

The program in Rhetoric, Media, and Social Change (R.M.S.C.) considers how our use of language and symbols shapes who we are, what we do, and what and who we and others may become. Courses in the R.M.S.C. 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 is excellent training 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 R.M.S.C. 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	Credit Hours
SCSR 024 - Rhetoric and Public Culture	3
SCSR 060 - Media, Culture, and Communication	3
SCSS 110 - Culture, Knowledge, Power	3
<i>At least two courses from each of the three major areas</i>	18

Rhetoric

SCSR 073 - Public Speaking	3
SCSR 110 - History of American Public Addresses	3
SCSR 112 - Rhetoric & War	3
SCSR 116 - Rhetorics of Class	3
SCSR 118 - Rhetorics of American Family	3
SCSR 124 - Rhetoric Criticism	3
SCSR 130 - Independent Study	1-4
SCSR 146 - Communication & Religion	3
SCSR 150 - Rhetorical Theory	3
SCSR (selected)	
SCSR 155 - Rhetorics of Space and Place	0-3

Media

SCSR 040 - Popular Trials	3
SCSR 060 - Media Culture & Communication	3
SCSR 106 - Aesthetics of Everyday Life	3
SCSR 114 - Rhetorics of Race	3

SCSR 134 (selected)

SCSR 144 - Visual Rhetorics 3

SCSS 135 - Technoscience Culture and Practice 3

SCSS 155 - Global Youth Studies 3

SCSS 156 - Representing Race 3

SCSS 176 - Documenting Lives 3

SCSS 177 - Gender and Violence 3

Social Change

SCSA 158

SCSG 192 - Advanced Topics

SCSR 055 - Environmental Communication 1 or 3

SCSR 128 - Argumentation & Advocacy 3

SCSR 130 - Independent Study 1-4

SCSR 132 - Communication Internship Program 3

SCSR 134 - Rhetoric and Social Activism 3

SCSR 134 - selected, see advisor 0-3

SCSR 140 - Communication Law 3

SCSR 143

SCSS 020 - Introduction to Race and Ethnicity 3

SCSS 072 - Global Social Change 3

SCSS 080 - Social Problems 3

SCSS 130 - Contemporary Chinese Society 3

SCSS 150 (selected - see advisor) 3

SCSS 151 - Criminology 3

SCSS 156 - Representing Race 0-3

SCSS 160 - Jobs Organizations Inequality 3

SCSS 170 - Deviance 3

SCSS 173 - Global Citizenship 3

SCSS 174 - Feminist Theories/Subjectivity 3

SCSS 175 - Social Stratification 3

SCSS 178 - Gender, Technology, Embodiment 3

Senior Capstone (Taken in final year of major. Offered each semester.) 3

TOTAL 30

Rhetoric, Media, and Social Change Minor

Course	Credit Hours
SCSR 024 - Rhetoric and Public Culture	3
SCSR 060 - Media, Culture, and Communication	3
SCSS 110 - Culture, Knowledge, Power	3
<i>At least one course from each of the three major areas</i>	
Rhetoric	3
SCSR 073 - Public Speaking	3
SCSR 110 - Hist/Amer Public Radio	3
SCSR 112 - Rhetoric and War	3
SCSR 116 - Rhetorics o Class	3
SCSR 118 - Rhetorics of the American Family	3
SCSR 124 - Rhetorical Criticism	3
SCSR 130 - Independent Study	1-4
SCSR 146 - Communication & Religion	3
SCSR 150 - Rhetorical Theory	3
SCSR (selected)	

SCSR 155 - Rhetorics of Space and Place 0-3

Media 3

SCSR 040 - Popular Trials 3

SCSR 060 - Media Culture & Communicatin 3

SCSR 106 - Aesthetics/Everyday Life 3

SCSR 114 - Rhetorics of Race 3

SCSR 134 (selected) 0-3

SCSR 144 - Visual Rhetorics 3

SCSS 135 - Technoscience Culture & Practice 3

SCSS 155 - Global Youth Studies 3

SCSS 156 - Representing Race 0-3

SCSS 176 - Documenting Lives 3

SCSS 177 - Gender and Violence 3

Social Change 3

SCSA 158

SCSG 192 - Advanced Topics 1-3

SCSR 055 - Environmental Communication 3

SCSR 128 - Argumentation & Advocacy	3
SCSR 130 - Independent Study	1-4
SCSR 132 - Comm. Internship Program	3
SCSR 134 - Rhetoric and Social Activism	3
SCSR 134 - selected, see advisor	0-3
SCSR 140 - Communication/Law	3
SCSR 143	
SCSS 020 - Intro to Race and Ethnicity	3
SCSS 072 - Global Social Change	3
SCSS 080 - Social Problems	3
SCSS 130 - Contemporary Chinese Society	3
SCSS 150 (selected - see advisor)	3
SCSS 151 - Criminology	3
SCSS 156 - Representing Race	3
SCSS 160 - Jobs, Organizations, and Inequality	3
SCSS 170 - Deviance	3
SCSS 173 - Global Citizenship	3

SCSS 174 - Feminist Theories/Subjectivity	3
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SCSS 175 - Social Stratification	3
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SCSS 178 - Gender, Technology, Embodiment	3
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Senior Capstone (Taken in final year of major. Offered each semester.)	3
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TOTAL	18
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Sociology

Available Options

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

[Study of Culture and Society department web site](#)

Program Overview

Sociology is the study of human action from the point of view of social interactions - covering everything from the analysis of short contacts between anonymous individuals on the street to the study of global social processes. Students in our courses apply rigorous theories and methods of social inquiry to real world problems. Our department specializes in outstanding training in multiple methods of social inquiry, including ethnography, documentary film, qualitative interviewing, historic/archival research, and survey research.

Students in our 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.

B.A. Degree Requirements

The sociology major is excellent training 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 includes anthropology in the curriculum. Students should work with their advisers to assure selection of courses compatible with their educational and career objectives.

Course	Credit Hours
SCSS 001 - Survey of Sociology	3
Two theory-intensive courses - choose from:	6
SCSA 101 - Feminist Anthropology	3

SCSS 070 - Psyche/Self/Society	3
SCSS 080 - Social Problems	3
SCSS 085 - Sociology of Everyday Life	3
SCSS 133 - Social Structure/Social Change	3
SCSS 135 - Technoscience Culture & Practice	3
SCSS 151 - Criminology	3
SCSS 170 - Deviance	3
SCSS 173 - Global Citizenship	3
SCSS 174 - Feminist Theories/Subjectivity	3
SCSS 175 - Social Stratification	3
SCSS 176 - Documenting Lives	3
SCSS 178 - Gender, Technology, Embodiment	3
Selected SCSS or SCSA 150 if designated theory-intensive.	
Two methods-intensive* courses - choose from:	6
STAT 050 - Statistics for Social Sciences	3
SCSA 156 - Ethnographic Methods	3
SCSS 077 - The Art of the Interview	3

SCSS 153 - Documentary Video Challenge	3
SCSS 155 - Global Youth Studies	3
SCSS 156 - Representing Race	3
SCSS 157 - Sociology of the Sixties	3
SCSS 158 - Social Science Stats	3
SCSS 159 - Methods of Soc. Res.	3
SCSS or SCSA 150 if designated methods-intensive	
Senior Capstone (Taken in final year of major. Offered each semester.)	3
An additional six elective courses in sociology	18
TOTAL	36

Up to 6 hours of anthropology courses and one course in the Study of Culture and Society (SCS) may be used to satisfy this elective requirement.

*Transfer courses may not be used to fulfill the theory-intensive, methods-intensive or Capstone requirements.

Anthropology courses taken to fulfill the methods- or theory-intensive requirement for the sociology major may be taken in addition to the 6-hour allowance for anthropology courses.

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

Sociology Minor

Course	Credit Hours
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SCSS 001 - Survey of Sociology	3
Additional five courses of choice	15
TOTAL	18

Specific courses are planned by the student in consultation with an academic adviser to complement the major and/or future career and educational goals. A maximum of 6 hours in anthropology courses may be part of the 18 hours required for the minor. A maximum of 9 hours of transfer credit may be applied toward the sociology minor.

Studio Art

Available Options

- [Bachelor of Arts \(B.A.\) with a major in Studio Art](#)
 - Drawing
 - Painting
 - Printmaking
 - Sculpture
- [Bachelor of Fine Arts \(B.F.A.\) with a major in Studio Art](#)
 - Drawing
 - Painting
 - Printmaking
 - Sculpture
- [Studio Art minor](#)
 - Drawing
 - Painting
 - Printmaking
 - Sculpture

[Art and Design department web site](#)

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.

Studio Art

Available Options

- Bachelor of Arts with a major in Studio Art
 - Drawing
 - Painting

- Printmaking
 - Sculpture
 - Bachelor of Fine Arts with a major in Studio Art
 - Drawing
 - Painting
 - Printmaking
 - Sculpture
 - Studio Art minor
 - Drawing
 - Painting
 - Printmaking
 - Sculpture
-

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 BA 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. BFA 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 BFA reviews. The BFA 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:

For students who entered Drake prior to fall 2014: 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 60 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 60th-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.

For students entering Drake beginning fall 2014, the benchmark for evaluation will be 30 credit hours instead of 60.

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	Credit Hours
ART 013 (2-D Design)	3
ART 014 (3-D Design)	3
ART 015 (Drawing I)	3
ART 016 (Drawing II)	3
ART 021 (Digital Media)	3
Basic Studio, choose one from ART 056, 057, 058, 059 (Printmaking)	3
ART 063 (Painting I)	3
ART 075 (Themes in Art History)	4
ART 079 (Sculpture I)	3
ART 065 (Intermediate Drawing I)	3
ART 066 (Intermediate Drawing II)	3
ART 165 (Advanced Drawing I)	3

ART 166 (Advanced Drawing II)	3
ART 177 (Special Problems in Drawing I)	3
Art History Electives, choose two from ART 103-113	6
B.A. Capstone	1
Total:	50

Area of Emphasis: Painting (B.A.)

The BA 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	Credit Hours
ART 013 (2-D Design)	3
ART 014 (3-D Design)	3
ART 015 (Drawing I)	3
ART 016 (Drawing II)	3
ART 021 (Digital Media)	3
Basic Studio, choose one from ART 056, 057, 058, 059 (Printmaking)	3
ART 063 (Painting I)	3
ART 075 (Themes in Art History)	4
ART 079 (Sculpture I)	3

ART 064 (Painting II)	3
ART 125 (Intermediate Painting I)	3
ART 126 (Intermediate Painting II)	3
ART 163 (Advanced Painting I)	3
ART 164 (Advanced Painting II)	3
Art History Electives, choose two from ART 103-113	6
B.A. 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	Credit Hours
ART 013 (2-D Design)	3
ART 014 (3-D Design)	3
ART 015 (Drawing I)	3
ART 016 (Drawing II)	3
ART 021 (Digital Media)	3

Basic Studio, choose one from ART 056, 057, 058, 059 (Printmaking)	3
ART 063 (Painting I)	3
ART 075 (Themes in Art History)	4
ART 079 (Sculpture I)	3
Choose two from ART 057, 058, or 059	6
Choose two from ART 147, 148, or 149	6
Choose one from ART 157, 158, or 159	3
Art History Electives, choose two from ART 103-113	6
B.A. Studio 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	Credit Hours
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ART 013 (2-D Design)	3
ART 014 (3-D Design)	3
ART 015 (Drawing I)	3
ART 016 (Drawing II)	3
ART 021 (Digital Media)	3
Basic Studio, choose one from ART 056, 057, 058, 059 (Printmaking)	3
ART 063 (Painting I)	3
ART 075 (Themes in Art History)	4
ART 079 (Sculpture I)	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, choose two from ART 103-113	6
B.A. 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:

For students who entered Drake prior to fall 2014: 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 60 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 60th-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.

For students entering Drake beginning fall 2014, the benchmark for evaluation will be 30 credit hours instead of 60.

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	Credit Hours
ART 013 (2-D Design)	3
ART 014 (3-D Design)	3
ART 015 (Drawing I)	3
ART 016 (Drawing II)	3
ART 021 (Digital Media)	3

Basic Studio, choose one from ART 056, 057, 058, 059 (Printmaking)	3
ART 063 (Painting I)	3
ART 075 (Themes in Art History)	4
ART 079 (Sculpture I)	3
ART 065 (Intermediate Drawing I)	3
ART 066 (Intermediate Drawing II)	3
ART 165 (Advanced Drawing I)	3
ART 166 (Advanced Drawing II)	3
ART 177 (Special Problems in Drawing I)	3
Secondary area of emphasis: three courses from single studio area or Graphic Design	9
ART 109 (Modern Art History) or ART 110 (Contemporary Art History)	3
ART 199 (Art and Theory)	3
Art History Electives, choose two from ART 103-113	6
Art Electives (may include art history)	12
ART 175 and 176 (Senior Studio Art Capstone)	8
Total:	84

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.

Art	Credit Hours
ART 013 (2-D Design)	3
ART 014 (3-D Design)	3
ART 015 (Drawing I)	3
ART 016 (Drawing II)	3
ART 021 (Digital Media)	3
Basic Studio, choose one from ART 056, 057, 058, 059 (Printmaking)	3
ART 063 (Painting I)	3
ART 075 (Themes in Art History)	4
ART 079 (Sculpture I)	3
ART 064 (Painting II)	3
ART 125 (Intermediate Painting I)	3
ART 126 (Intermediate Painting II)	3

ART 163 (Advanced Painting I)	3
ART 164 (Advanced Painting II)	3
Secondary area of emphasis: three courses from single studio area or Graphic Design	9
ART 109 (Modern Art History) or ART 110 (Contemporary Art History)	3
ART 199 (Art and Theory)	3
Art History Electives, choose two from ART 103-113	6
Art Electives (may include art history)	12
ART 175 and 176 (Senior Studio Art Capstone)	8
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	Credit Hours
ART 013 (2-D Design)	3
ART 014 (3-D Design)	3

ART 015 (Drawing I)	3
ART 016 (Drawing II)	3
ART 021 (Digital Media)	3
Basic Studio, choose one from ART 056, 057, 058, 059 (Printmaking)	3
ART 063 (Painting I)	3
ART 075 (Themes in Art History)	4
ART 079 (Sculpture I)	3
Choose two from ART 057, 058, or 059	6
Choose two from ART 147, 148, or 149	6
Choose one from ART 157, 158, or 159	3
Secondary area of emphasis: three courses from single studio area or Graphic Design	9
ART 109 (Modern Art History) or ART 110 (Contemporary Art History)	3
ART 199 (Art and Theory)	3
Art History Electives, choose two from ART 103-113	6
Art Electives (may include art history)	12
ART 175 and 176 (Senior Studio Art Capstone)	8
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.

Art	Credit Hours
ART 013 (2-D Design)	3
ART 014 (3-D Design)	3
ART 015 (Drawing I)	3
ART 016 (Drawing II)	3
ART 021 (Digital Media)	3
Basic Studio, choose one from ART 056, 057, 058, 059 (Printmaking)	3
ART 063 (Painting I)	3
ART 075 (Themes in Art History)	4
ART 079 (Sculpture I)	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: three courses from single studio area or Graphic Design	9
ART 109 (Modern Art History) or ART 110 (Contemporary Art History)	3
ART 199 (Art and Theory)	3
Art History Electives, choose two from ART 103-113	6
Art Electives (may include art history)	12
ART 175 and 176 (Senior Studio Art Capstone)	8
Total:	84

Studio Art Minor

The minor in studio art is designed for those students outside the Department of Art and Design who want to engage with basic studio art practices. The minor of 22 credit hours generally consists of the following courses and is chosen with an art and design faculty advisor.

Course	Credits
Art 013 (2-D Design)	3
Art 014 (3-D Design)	3

Art 015 (Drawing I)	3
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Art 075 (Themes in Art History)	4
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Select a sequence of three courses from:

Drawing, Painting, Printmaking or Sculpture	9
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Total:	22
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Theatre

Available Options

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

[Theatre minor](#)

[Theatre Arts department web site](#)

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	Credit Hours
THEA 003 - Acting I	3
THEA 005 - Readings in Theatre	3
THEA 014 - Movement I	2
THEA 020 - Voice I	2
THEA 030 - Stagecraft (including lab)	4
THEA 031 - Costuming (including lab)	4

THEA 032 - Makeup	3
THEA 103 - Directing I	3
THEA 120 - Theatre History I	3
THEA 121 - Theatre History II	3
THEA 124 - Technical Practicum	1
THEA 160 - Stage Management	3
THEA 190 - Senior Capstone	1
Theatre electives	15
Total:	50

*Second academic major or minor: 34 hours. 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 hours required will be determined by that department. If the major or minor requires less than 34 credit hours, additional hours 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	Credit Hours
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 - 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 - Acting

Available Options

[Bachelor of Fine Arts \(B.F.A.\) with a major in Theatre - Acting](#)

[Theatre Arts department web site](#)

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	Credit Hours
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 100 - Acting IV	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
Required courses in English*	9
General electives**	12
Total:	84

*9 hours of Literature courses are required (3 of those hours in a Shakespeare course). These courses also may be used to fulfill an Area of Inquiry (A.O.I.).

** A minimum of 12 hours is required for the degree.

Theatre - Design & Technology

Available Options

[Bachelor of Fine Arts \(B.F.A.\) with a major in Theatre - Design & Technology](#)

[Theatre Arts department web site](#)

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	Credit Hours
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
Literature courses**	9
ART 015 - Drawing I	3
ART 075 - Themes in Art History	4
Art and Design electives***	9
Total:	92

*Students must complete a minimum of 4 hours of Technical Theatre Practicum. No more than 6 hours maximum may be applied toward the degree.

**9 hours of Literature courses are required (3 of those hours in a Shakespeare course). These courses may also be used to fulfill an Area of Inquiry (A.O.I.).

***A minimum of 9 hours is required for the degree.

Theatre - Directing

Available Options

[Bachelor of Fine Arts \(B.F.A.\) with a major in Theatre - Directing](#)

[Theatre Arts department web site](#)

Program Overview

The directing program provides a solid theatre education experience. Directing students serve as assistants to faculty directors and are given the opportunity to direct main stage productions.

B.F.A. Degree Requirements

The all-encompassing nature of the curriculum ensures students understand the workings of all areas of production. Students apply their knowledge in classroom directing assignments, and working alongside faculty directors as assistant directors. In addition, upperclass students have the opportunity to submit proposals to direct both Student Theatre Production and Main Stage productions as part of the Drake Theatre season.

Course	Credit Hours
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 103 - Directing I	3
THEA 104 - Directing II	3
THEA 120 - Theatre History I	3
THEA 121 - Theatre History II	3
THEA 124 -Technical Practicum	1
THEA 160 - Stage Management	3
THEA 165 - Project in Theatre [Directing]	1-3
THEA 190 - Senior Capstone	1
Theatre electives*	12
Literature courses**	9
General electives***	12
Total:	84

*A minimum of 12 hours is required for the degree.

**9 hours of Literature courses are required (3 of those hours in a Shakespeare course). These courses may also be used to fulfill an Area of Inquiry (A.O.I).

*A minimum of 12 hours is required for the degree.

Theatre- Teacher Certification

Available Options

[Bachelor of Fine Arts \(B.F.A.\) with a major in Theatre - Teacher Certification](#)

[Theatre Arts department web site](#)

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	Credit Hours
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
RHET 024 - Rhetoric as Liberal Art	3
RHET 100 - Philosophy of Dialogue/Interpersonal Communication	3
RHET 128 - Public Discourse	3
Choose one from RHET 073 or EDUC 140	3
ENG 038 - Literary Study	3
ENG 039 - Writing Seminar	3
ENG 135 - Adolescent Literature	3
Choose one from ENG 044, ENG 058, ENG 128, ENG 142, ENG 143, or ENG 145 (Historicity – British Literature)	3
Choose one from ENG 042, ENG 065, ENG 066, ENG 067, ENG 077, ENG 124, ENG 166, or ENG 178 (Culture & Identity – American Literature)	3
Choose one from ENG 080 or ENG 102 (Language Structure)	3

Choose one from EDUC 142 or EDUC 170 (Reading Component)

2-3

Additional courses as required by the School of Education for teacher certification

33

Total:

100-101

Writing

Available Options

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

[Writing minor](#)

[English department web site](#)

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. Undergraduate writing majors will be able to:

- reflect critically on issues of textual representation in a diverse set of texts from literary classics to contemporary film, from the Anglo-Saxon canon to postcolonial and feminist expansions of that canon;
- reflect on habits of reading and writing and be able to identify their strengths and limitations in particular contexts;
- use a wide range of styles and approaches in their writing;
- understand the interrelated nature of writing, reading, thinking and creating;
- read a text with close attention to its many facets;
- understand past, present and potential approaches to English studies and its relationship to other academic disciplines;
- be aware of a variety of aesthetic, political, material and social contexts for and approaches to English studies.

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 36 hours: 18 at the lower division and 18 at the upper division. The Writing major allows for 6 hours of electives that must be 100-level courses. At least 18 hours of the required 36 must be 100-level courses. An English course may be used only once to fulfill a particular major requirement. (ENG 054, for instance, may fulfill either Genres or Historicity, but not both.) Transfer students majoring in Writing must take at least 18 hours of English at Drake.

Course	Credit Hours
Lower Division Core	
Gateway	6
ENG 038 - Literary Study (should be taken first or second year)	3
ENG 039 - Writing Seminar (should be taken first or second year)	3
History and Traditions	3
Any ENG course numbered 040-059	
Culture and Identity	3
Any ENG course numbered 060-079	
Writing: Topics and Genres	6
Any ENG course numbered 080-099	
 <i>Upper Division - Students must have completed at least 30 hours (including no more than 15 A.P./I.B./high-school transfer hours) and at least 3 hours of the lower division core or received special permission from the instructor to register for upper division courses. Specific prerequisites may be required for some courses.</i>	
Writing Courses	
ENG 109 - Prose Stylistics	3
ENG 111 - Reading/Writing 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 171 - Teaching Writing	3
ENG 172 - Teaching Tutorial Writing	3

Electives - *At least six hours earned in courses numbered ENG 100 and higher. 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.*

Capstone - *students must have completed ENG 038 and ENG 039 and have junior or senior standing to register for the capstone*

ENG 195 - Capstone in English and Writing, or ENG 196 - Capstone in Writing	3
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Total	36
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Writing Minor

Minimum of 18 credit hours in English, including ENG 038 - Literary Study, ENG 039 - Writing Seminar, and one from each of the two columns in the writing core. An English faculty adviser is required.

Geography

Available Options

[Geography minor](#)

[Study of Culture and Society department web site](#)

Geography Minor

A minor in geography (emphasizing cultural geography) may be combined with an academic major in another discipline. Geography is the holistic study of the earth's surface features, attributes, processes and relationships among various spatial factors, and how they change over space and time. An understanding of geography is essential in an increasingly globalizing world where environments are more strained, economies are more global and cultures are more dynamic and intermingled.

Course	Credit Hours
SCSG 002 - Human Geography	3
SCSG 003 - World Geography	3
ENSP 065 - Geographic Information Systems	3
Three additional upper-division geography courses	9
TOTAL	18

Military Studies

Available Options

[Military Studies minor](#)

[Drake R.O.T.C. web site](#)

Program Overview

A minor in Military Studies entails the development of student's awareness of the position the military plays within the structure of a free society. Leadership studies are an emerging discipline and the concept of leadership and how it can be reciprocal will be explored. A minor in military studies will present a mentally, morally, and physical environment in order to establish a foundation in having students experience the beliefs and behaviors of strong leaders throughout history. Starting with the premise that all civilizations owe their origins to warmaking, a minor in military studies probes the meanings, motivations and methods underlying war in different societies over the course of more than 2,000 years. The minor in military studies at Drake University provides students with a splendid opportunity not only to understand the practices and precepts of the military more clearly, but also to provide a start point for assuming the highest responsibilities of leadership and citizenship in all walks of life.

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	Credit Hours
ENG 166 - Literature of War	3
HIST 112 - Civil War and Reconstruction	3
HIST 113 - America as a World Power	3

HIST 139 - World War I	3
HIST 168 - U.S. Interventionism	3
HIST 169 - The U.S. and the Origins of the Cold War	3
PHIL 090 - Ethics	3
POLS 121 - The United Nations and Global Society	3
POLS 124 - Revisiting the Vietnam War	3
POLS 125 - Post-Conflict Justice	3
POLS 136 - The Arab-Israeli Conflict	3
POLS 173 - Human Rights and World Politics	3
POLS 179 - American Foreign Policy	3
Total	18

Students may petition with the Associate Dean of the College of Arts and Sciences to gain approval of other courses to meet this requirement.

Drake University is a member of 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.

Behavior Analysis of Developmental Disabilities

Available Options

[Behavior Analysis of Developmental Disabilities Concentration](#)

[Biology department web site](#)

[Environmental Science and Policy web site](#)

[Psychology department web site](#)

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	Credit Hours
PSY 001 - Introduction to Psychology (with lab)	4
PSY 060 - Principles of Behavior	3
SPED 153 - Applied Behavior Analysis and PBS (Recommend PSY 060 - Principles of Behavior prior to SPED 153)	3
PSY 042 - Child and Adolescent Development, or EDUC 105 - Human Development (Elementary & Early Childhood), or EDUC 106 - Human Development (Secondary)	3
SPED 120 - Introduction to Special Education, or SPED 152 - Charting and Assessment of Young Children with Needs	3

PSY 142 - Behavior Analysis of Child Development, or PSY 148 - Psychology of Developmental Disabilities	3
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Total	19
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Biophysics Concentration

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.

Course	Credit Hours
PHY 001 (with lab and discussion) - Physics 1, or PHY 011 (with lab and discussion) - Physics I	4
PHY 002 (with lab and discussion) - Physics 2, or PHY 012 (with lab and discussion) - Physics II	4
PHY 003 - Contemporary Topics in Physics and Astronomy Seminar	1
CHEM 001 and 003 - General Chemistry I, or CHEM 097 and 098 - Organic Chemistry I	4
CHEM 002 and 004 - General Chemistry II, or CHEM 108 and 110 - Organic Chemistry II	4
BIO 165 - Cell Biology, or BIO 186 and 187 - Molecular Biology, or equivalent course from Pharmacy (with lab and discussion)	4
PHY 132 - Medical Biophysics	3
PHY 189 - Medical and Sports Biomechanics	2
Electives - choose at least one from	3-4
CHEM 161 - Biophysical Chemistry	4
BIO 188 - Structural Biology	3

BIO/CS 116 - Bioinformatics	3
PHY 197/198 - Research I/II (Senior Capstone)*	3
TOTAL	30

Requirements for the program also include prerequisite/co-requisite courses in mathematics. Depending on the student's career goals, the academic advisor may recommend other courses chosen from electives.

Grade Requirements for Graduation

3.0 minimum (B) average is required in all biophysics-credit courses.

* Research Participation (Capstone): At least 3 cr of PHY 197 and/or PHY 198 at Drake and/or at least one REU (Research Experience for Undergraduates). A paper and an oral presentation are required. The topic must be related to biophysics and be approved by the student's advisor in advance.

Comparative Animal Behavior

Available Options

[Comparative Animal Behavior Concentration](#)

[Psychology department web site](#)

Program Overview

The Comparative Animal Behavior concentration offers a coherent interdisciplinary program of study intended to prepare students for employment or advanced study in fields including components of the behavior of captive animals and wildlife. 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

Course	Credit Hours
Required Courses	15
BIO 013, 013L - General/Pre-professional Biology II (with lab)	4
BIO 114, 114I - Evolution (with lab)	4
PSY 001 - Introduction to Psychology	4
PSY 024/BIO 025 - Animal Behavior	3
Electives - <i>select one from each cluster</i>	12-17
Cluster 1 - Molecular Determinants of Behavior	
BIO 105 - Introduction to Genetics	3

BIO 129, 129L - Mammalian Physiology (lab not required) 4-5

PSY 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

Global and Comparative Public Health

Available Options

[Global and Comparative Public Health Concentration](#)

[Global and Comparative Public Health web site](#)

Program Overview

A concentration in Global and Comparative Public Health (G.C.P.H.) prepares students to be active participants in improving the health of their own and other communities worldwide. Students will gain an understanding of the determinants of the health of populations; the available options to improve the health of populations; and the evidence demonstrating the efficacy of these options.

Through the GCPH concentration, students will learn to:

1. Identify the determinants of health. These determinants will include but are not limited to biological, environmental, economic, political, institutional and social factors;
2. Describe the various public health interventions that may influence the health of populations and differentiate between them;
3. Explain how the health status of a given population is interdependent with the health of all populations globally;
4. Explain and give examples of how culture relates to health and apply this knowledge to conversations about health in different settings;
5. Explain how the indicators of health of a given population may be assessed;
6. Analyze the relationship between health and social justice;
7. Describe the factors (social and cultural) that affect the relevant behaviors of a population;
8. Devise the questions that may be asked to examine the health of a population;
9. Apply evidence-based thinking to population health concerns.

The G.C.P.H. concentration complements various majors, including Biology, BCMB, Pharmacy, Health Sciences, International Relations, Politics, Law, Politics and Society, Sociology, Environmental Science and Policy, and Philosophy. Students who complete the program will be well prepared for graduate study and/or careers in fields related to public health.

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	Credit Hours
<i>Required Courses</i>	9

HSCI 143 - Introduction to Epidemiology	3
HSCI 144 - Introduction to Public Health	3
POLS 127 - Global Health	3
<i>Electives - choose at least one course from the Natural Sciences list and one course from the Social Science/Humanities list:</i>	12
Natural Sciences	
BIO 021 - Biological Basis of Disease	
BIO 092 - Introduction to Ethnobotany	3
BIO 108 - Emerging Infectuous Disease	3
BIO 111 - Evolved Foodways	3
BIO 182 - Immunology	3
CHEM 012 - Food and Health	3
Social Sciences and Humanities	
HIST 194 - Public Health History	
HSCI 150 - Health and Development	
PHIL 124 - Health and Social Justice	3
PHIL 151 - Environmental Justice	
POLS 169 - Critical Perspectives on Public Health Policy	3

SCSA 138 - Global Reproductive Politics

SCSS 071 - Environmentalism in the United States

3

SCSS 145 - Food and Society

3

WLC 148 - Intercultural Communication

3

Experiential Learning - Local or international. May count as an elective under either Natural Sciences or Social Sciences/Humanities, depending upon content; adviser approval required. The following course - open to Pharmacy students only - is pre-approved for 5 credits under experiential learning for GCPH: Phar 285 Belize Rotation [counts as Natural Science].

Total

21

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

Human Resources Management

Available Options

[Human Resources Management Concentration](#)

[Psychology department web page](#)

Program Overview

This concentration focuses on issues surrounding the management of people in organizations. It is available to undergraduate students of any major who have an interest in human resource management and want to prepare for a career in human resources or related fields. The concentration is designed to provide students with the core competencies to be competitive in today's job market. Drake's H.R. concentration is an interdisciplinary program provided by the College of Business and Public Administration, the College of Arts and Sciences, and the School of Education.

Human Resources Management Concentration

Course	Credit Hours
Drake Curriculum Courses	7-8
PSY 001 - Introduction to Psychology (with lab)	4
STAT 071 - Statistics I, or STAT 060 - Statistics for the Life Sciences, or PSY 011 - Introductory Statistics SOC 158 - Social Science Statistics	3-4
Human Resource Coursework	21
Required Courses	6
MGMT 110 - Organizational Behavior, or PSY 085 - Organizational Psychology	
MGMT 182 - Introduction to Human Resource Management	
Human Behavioral Processes - <i>choose at least one course from this category</i>	3-12

ECON 115 - Labor Economics	3
MGMT 133 - Managing Diversity in the Workplace	3
MGMT 184 - Leadership and Personal Development, or LEAD 050 - Leadership: Theory to Practices	3
PSY 030 - Social Psychology	3
Specific Skills Development	3-12
ENG 094 - Business and Administrative Writing, or ENG 095 - Writing Reports and Proposals, or BUS 073 - Business and Professional Communication	3
MGMT 186 - Compensation and Benefits	3
PSY 133 - Psychological Assessment	4
PSY 183 - Industrial Psychology	3
PSY 192 - Internship	3

A total of 15 hours from the Human Behavioral Processes and Specific Skills Development categories is required.

Total	28
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Students are encouraged to complete an internship in human resources during either their junior or senior year. Internships in H.R. are available during the school year and summer months. These opportunities allow students to gain valuable on-the-job experiences and a competitive edge in today's job market. The HR concentration is designed to provide a current and comprehensive curriculum that prepares students for Professional Human Resources certification by the Human Resource Certification Institute.

The Drake Society for Human Resource Management student chapter offers activities and resources for professional development of those students interested in pursuing careers in H.R. or related fields. It is sponsored by the national S.H.R.M. and Central Iowa S.H.R.M. chapters.

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.

Course	Credit Hours
MUS 110 - Jazz History	2
MUS 012 - Jazz Theory and Keyboard	2
MUS 055 - Jazz Improvisation I	2
MUS 056 - Jazz Improvisation II	2
MUS 133 - Jazz Arranging and Composition	2
MUS 144 - Studio Recording Techniques	2
MUS 145 - Jazz Ensemble (two semesters)	2
MUS 181 - Chamber Ensemble, Jazz Combo (two semesters)	2
*Applied Jazz (two semesters) [<i>Prerequisites: Jazz Improvisation II or permission of instructor</i>]	2
TOTAL	18

*Applied Jazz courses are selected from the following, each worth one credit hour:

- MUSIC 183 - Jazz Piano
- MUSIC 184 - Jazz Bass
- MUSIC 196 - Jazz Guitar
- MUSIC 197 - Jazz Drums
- MUSIC 198 - Jazz Wind Instruments

Women's and Gender Studies

Available Options

[Concentration in Women's and Gender Studies](#)

[Women's and Gender Studies department web site](#)

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.

Requirements for the 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	Credit Hours
WGS 075/ENG 075/SCSS 075 - Introduction to Women's and Gender Studies	3
Four WGS core courses - <i>choose from the following</i> .*	12
EDUC 164 - Perspectives in Race, Ethnicity, and Gender	3

ENG 066 - Reading Race and Ethnicity	3
ENG 077 - Reading Gender	3
ENG 086 - Reading and Writing Sexuality	3
ENG 088 - Reading and Writing Social Class	3
ENG 112 - Reading and Writing Autobiography	3
ENG 120 - Women in Horror Film and Fiction	3
ENG 124 - Topics: Salem Witch Trials	3
ENG 126 - Film History	3
ENG 126 - Women and Film	3
ENG 130 - Film Noir	3
ENG 135 - Adolescent Literature	3
ENG 136 - Adolescence and American Fiction	3
ENG 152 - American Literature to 1900	3
ENG 158 - Literature of South Africa	3
ENG 160 - Theories: Language & Discourse	3
ENG 165 - Postcolonial Literature	3
ENG 180 - Poetics	3

ENG 180 - Seminar in Literary Theory: Feminism	3
HIST 099 - European Women's History	3
HIST 156 - Sex, Power, and War in the Aztec Empire	3
HIST 170 - Women and Family in Modern China	3
HIST 172 - Women and Gender in Early America	3
HIST 173 - Women and Gender in Modern America	3
HIST 194 - History of Public Health and Medicine	3
HONR 192 - Space Matters	3
HONR 195 - Women and the Law	3
LPS 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
PHIL 091 - Contemporary Ethical Problems	3
POLS 109 - Human Trafficking	3
POLS 109 - Gender and War	3
POLS 127 - Global Health	3
POLS 176 - Gender and World Politics	3

REL 151 - Women and Hebrew Scriptures	3
REL 155 - Liberation Theologies	3
SCS 143 - Speaking with Many Voices	3
SCS 146 - Gender and Culture in Islam	3
SCSA 076 - Masculinities	3
SCSA 076 - Psychological Anthropology	3
SCSA 076 - Feminist Anthropology	3
SCSA 150 - Masculinities	3
SCSA 150 - Erotic Culture	3
SCSA 150 - Anthropology and Sexuality	3
SCSA 150 - Language and Gender	3
SCSR 118 - Rhetoric of American Family	3
SCSR 134 - Gender and Communication	3
SCSR 134 - Environmental Communication	3
SCSR 134 - Rhetoric and Pop Culture	3
SCSS 020 - Introduction to Race and Ethnicity	3
SCSS 050 - Intimate Relations	3

SCSS 076 - Making Families Public	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 - New Materialist Feminisms	3
SCSS 150 - Global Reproductive Politics	3
SCSS 150 - Madness, Culture, and Power	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 credit hours 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 credit hours 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

Available Options

[Certificate of Competence in Language and Culture](#)

[World Languages and Cultures department web site](#)

Program Overview

The program currently offers seven languages: American Sign Language, Arabic, Chinese, French, German, Japanese, and Spanish. Beginning Italian is also offered every other year. 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.

World Languages and Cultures Certificate

The Certificate of Competence in Language and Culture is designed to allow students to demonstrate competence in a language other than English and a competent understanding of the cultural contexts in which that language is spoken. Interested students may pursue the Certificate in Arabic, Chinese, French, German, Japanese, and Spanish. Undergraduate students from any school or college are eligible to apply. The Certificate is compatible with nearly every Drake major.

In order to receive the certificate, students meet a set of requirements combining academic and co-curricular experiences. These experiences include a mandatory study-abroad experience in a program approved by the director of the World Languages and Cultures program. At the time of graduation, students must have a minimum 2.5 cumulative GPA and 3.0 GPA in language courses.

The certificate consists of a minimum of 14 hours of coursework (though more may be required depending upon a student's initial knowledge of the language of study).

Requirement	Credit Hours
Two semesters of language study beyond the intermediate level (150 or 160 level) or equivalent from abroad	6
WLC 148 - Intercultural Communication, or equivalent	3
Study-abroad and surrounding experience courses	5

WLC 080 - The Study Abroad Experience I

1

WLC 081 - The Study Abroad Experience II

1

WLC 082 - The Study Abroad Experience III

3

Total

14

Global Ambassador Certificate Program

Available Options

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

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	50 hours

organizations. Students also may propose their own volunteer or internship experience, including experiences in other cities or countries (e.g., internship or volunteer experiences connected to study abroad).

Regular attendance at CGC-sponsored events, other internationally-oriented events on campus or in the community (at least four events per semester) and regular participation in the activities of the Global Ambassador program

TBD

Global Ambassador Capstone Experience (2 credits) As a culmination of the Global Ambassador program, students will participate in a group learning experience designed to put the concept of global citizenship into practice by educating the campus and/or community about a global issue or a cultural perspective. The capstone project should be completed in a student's senior year. Students will register for the capstone as independent study credit (2 credits). As an alternative to the group project, students may fulfill the senior capstone requirement by taking (when available) SCSS 173: Global Citizenship (3 credits) and POLS 123: Grassroots Globalism (4 credits)

2-4 credits

Total

7-13 credits,
50+ other
hours TBD

* An equivalent course from study abroad may be substituted.

** Pre-college training (e.g., high school) in a second language other than English may not be substituted for this requirement.

Academic Regulations

Academic Dishonesty Policy Statement

1. Definitions

Academic dishonesty is an all-encompassing term involving any activity that seeks to gain credit for work one has not done, or to deliberately damage or destroy the work of others. It includes plagiarism (the misrepresentation, either by intent or negligence, of another's ideas, phrases, discourse, or works as one's own), cheating (the act, or attempted act, of giving or obtaining aid and/or information by illicit means in meeting any academic requirement, including examinations), fabrication (intentional and unauthorized falsification or invention of any information or citation in an academic sense in any academic exercise), and facilitating academic dishonesty (intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty). Examples of such cases include, but are not limited to:

- copying from the Internet or worldwide web and representing it as one's own thoughts or work;
- copying from another student's paper, laboratory report, or other report, or computer files or listing and representing it as one's own thoughts or work;
- using, during a test or laboratory experiment, material and/or devices not authorized by the instructor in charge;
- without the instructor's permission, collaborating with another, knowingly assisting another or knowingly receiving the assistance of another in writing an examination or in satisfying any other course requirements;
- incorporating into written assignments materials written by others without giving them credit, or otherwise improperly using information written by others (including that which might be stored on computer disks or other technological devices), or submitting commercially prepared papers as one's own;
- submission of multiple copies of the same or similar papers without prior approval of the several instructors involved;
- claiming as one's own work that which was done by tutors or others with no mention of credit to or the assistance of those persons;
- deliberately damaging or destroying another's laboratory experiments, computer work or studio work;
- knowingly obtaining access to, using, buying, selling, stealing, transporting, or soliciting in its entirety or in part, the contents of a test or other assignment unauthorized for release;
- substituting for another student, or permitting another student to substitute for oneself, to take a test or other assignment or to make a presentation;
- intentional and unauthorized falsification or invention of any information or citation in an academic exercise;
- forgery, alterations, or misuse of University documents;
- falsifying information submitted or failure to reveal relevant information in any University application form or offering any false information in any University disciplinary proceeding. Each instructor reserves the right to further clarify and define his/her expectations of academic integrity orally or in written form, such as through the course syllabus.

2. Penalties

The penalty for cheating or plagiarism will vary from incident to incident, depending upon the scope and magnitude of the offense and the circumstances in which it occurred; upon the prior record of the person being penalized; and upon evidence suggesting the existence or absence of a pattern of academic dishonesty in the academic performance of the person committing the offense. Possible penalties include a reprimand, grade penalty, dismissal from the course and a recommendation for dismissal from the University. Responsibility for dealing with cases of academic dishonesty begins with the faculty member who identifies an instance of academic dishonesty.

3. Appeals

Not later than fourteen (14) days after an alleged Academic Integrity Policy violation comes to his/her attention, the instructor shall:

- provide the student with written notice describing the alleged violation and
- make a good faith effort (normally, both an e-mail and a phone mail message during the academic year; and an e-mail and a regular U.S. letter during the summer or winter break) to meet with the student to discuss the alleged

violation. After the meeting, or after it becomes clear that the student refuses to meet, the instructor shall exercise professional judgment in selecting his/her course of action. A student may appeal an instructor's decision regarding a violation of the Academic Integrity Policy by notifying the dean or the associate/assistant dean within ten (10) working days of notification of the penalty(s) imposed by the instructor. The dean's office will refer the issue to the chair of the Academic Integrity and Appeals Committee to schedule a hearing. The chair of the Academic Integrity and Appeals Committee will notify the student and the instructor in writing at least ten (10) working days prior to the hearing date. The notification shall include the alleged Academic Integrity Policy violation giving rise to the hearing, hearing procedures, the date, time, and location of the hearing, copies of documents that the committee intends to use at the hearing and the name of the chair. Specific details regarding the hearing process and rights therein will be provided to the student when he or she notifies the dean or the associate/assistant dean of a potential appeal. The Academic Integrity and Appeals Committee will present a verdict. The student or the instructor may appeal the decision(s) of the Academic Integrity and Appeals Committee to the dean. A written notice of appeal must be delivered to the office of the dean within ten (10) working days from the receipt of the hearing report from the committee. Written details pertaining to this final appeal process are available in the college office. The dean's decision on appeal is final.

Adjustments to Academic Regulations

Students who seek adjustments to the academic regulations of the college may do so by filing an Academic Petition. Students wishing to petition for adjustments should secure the appropriate forms in the college office, obtain the approval of their academic adviser(s) and, if necessary, department chair, and then submit their petition to the associate/assistant dean.

Appeals of Academic Evaluations

A student who wishes to challenge the grading practices of an instructor of the college may appeal for a change of grade. The student must initiate the appeals procedure with the instructor on or before the third Wednesday of the semester following the issuance of the grade in question (excluding summer terms). First, the student must meet with the instructor involved in an attempt to resolve the problem. If the matter remains unresolved, the student must request a meeting at which the department chair (or the program director), the instructor, and the student are present. The student must make this request to the department chair (or program director) by the fifth Wednesday of the semester following issuance of the grade in question (excluding summer terms). The student shall be given the opportunity to explain his/her position and present relevant documentation to the department chair (or program director). The department chair (or program director) shall prepare a written summary of the issues, his/her findings of fact, and a proposed resolution to be presented to the student and the instructor. If the proposed resolution of the chair or director is not satisfactory to the student, he/she may appeal in writing to the dean or associate/assistant dean, who will refer the appeal to the Academic Integrity and Appeals Committee. All appeals must be delivered to the college office within ten (10) working days of presentation of the proposed resolution to the student and instructor. Absent a timely appeal by the student, the proposed resolution of the chair or director becomes final. Upon receipt of the appeal the committee shall invite the instructor to submit a written response to the appeal. The committee will decide whether a hearing is or is not necessary. Written details pertaining to the hearing process are available in the college office.

Credit/No Credit Regulations

Arts and Sciences students may take a maximum of 12 hours of coursework on a credit/no credit basis as provided by the general academic regulations of the University. Courses that students elect to take on a credit/no credit basis may be counted toward the fulfillment of the total 124 hours required for graduation and the requirement of 40 upper-division hours, but may not be counted toward other college requirements. Courses offered on only a credit/no credit basis are not included in the 12-hour maximum nor excluded from counting toward a college requirement.

Probation and Suspension

Arts and Sciences students are governed by the University policies regarding probation, suspension and satisfactory progress found in the academic regulations section of this catalog. Additional probationary conditions may be imposed by the dean.

Transfer of Non-Drake Credits

The following govern the applicability toward the Bachelor of Arts or Bachelor of Science degree of credit hours earned other than at Drake University:

1. The College of Arts and Sciences complies with all Drake University regulations relating to transfer of college credits.
2. A maximum of 94 hours of transfer credit may be applied to the Bachelor of Arts or Bachelor of Science degree.
3. The Drake College of Arts and Sciences accepts up to 66 credit hours of transfer credit applicable to the Associate of Arts degree from an 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 124 credit hours, at least 40 of which must be earned in courses numbered 100 and above
2. complete a major offered in the College of Arts and Sciences
3. complete the Drake Curriculum general education requirements
4. complete their last 30 credit hours in residence at Drake University (except in the case of certain combined degree programs)
5. have at least a 2.00 cumulative GPA overall, in their major, in their minor and in related areas combined.

Major Field

As part of the 124 credit hours required for graduation, all students in the College of Arts and Sciences must establish academic competence in a major field. Through this mastery of a core of courses in a single discipline or in closely related disciplines, Arts and Sciences graduates achieve the depth of knowledge that is characteristic of educated persons.

It is possible to satisfy the requirements for more than one major. With early and careful planning, students may complete double majors within the 124-credit hour program. Students who anticipate a double major should consult with the Office of the Dean.

A major should be chosen in consultation with an adviser after alternatives have been carefully weighed. While premature specialization is unwise, a major should ordinarily be selected by the end of the sophomore year. It is important that students seeking teaching certification declare their majors early to facilitate program planning. The list of offered majors is published above in "Areas of Study."

The following majors are offered: acting; anthropology and sociology; art history; applied music; astronomy; biochemistry, cell and molecular biology (BCMB); biology; chemistry; computer science; directing; drawing; English; environmental policy; environmental science; graphic design; history; international relations; law, politics and society; mathematics; mathematics education (secondary); music; music business; music education; musical theatre; neuroscience; painting; philosophy; physics; politics; printmaking; psychology; religion; rhetoric and communication studies; sculpture; sociology; study of culture and society; theatre arts; theatre design; theatre education; and writing.

Students whose goals lie outside the areas listed above may seek faculty approval to pursue a combination of existing courses as an individualized major.

Students may pursue majors in more than one discipline or area, and, where permissible, may apply particular courses toward majors in more than one discipline or area. For each major, the respective department determines whether its requirements have been fulfilled.

The department from which a transfer student seeks certification as a major may, after examining the student's credentials, require the completion of a certain number of courses to fulfill the major regardless of the amount of work in a discipline or related areas the student has completed elsewhere.

Special Requirements for a Bachelor of Science (B.S.) Degree

A student may pursue a Bachelor of Science degree in the College of Arts and Sciences in the Division of Natural Science, Humanities or Social Sciences.

1. Requirements for majors offered in the Division of Natural Science:
 1. A major in a natural science, as determined by the appropriate department.
 2. Twelve credit hours in natural science courses other than in the major area.
 3. One course in a natural science requiring a laboratory.
 4. Course(s) in either statistics or computer science (minimum of 3 credits).
 5. Additional requirements as stipulated by particular departments.
2. Requirements for majors offered in the divisions of Humanities or Social Sciences:
 1. A major in a discipline other than a natural science, as determined by the appropriate department.
 2. A minor in a natural science, as designated by the appropriate minor department.
 3. One course in a natural science requiring a laboratory.
 4. Course(s) in either statistics or computer science (minimum of 3 credits).
3. In addition to A or B above, all students pursuing Bachelor of Science degrees in the College of Arts and Sciences must complete all Drake Curriculum requirements.

Additional School of Fine Arts Graduation Requirements

Candidates for the Bachelor of Arts degree within the School of Fine Arts must satisfy the Drake Curriculum requirements of the College of Arts and Sciences. Each department within the School of Fine Arts has established its own graduation requirements for professional degree candidates. A description of those requirements may be found under the individual departmental listings.

Faculty

Professors

ALEXANDER, DANIEL (1993) Professor of Mathematics. M.S., Ph.D., Boston University

BARTSCHAT, KLAUS (1988) Ellis and Nelle Levitt Professor of Physics. M.S., Ph.D., Westfälische Wilhelms University

BECKMANN-COLLIER, AIMEE (1989) Professor of Conducting. M.A., D.M.U., University of Iowa

BERNS, NANCY (2000) Professor of Sociology. M.A., Ph.D., University Illinois at Urbana-Champaign

BOHORQUEZ, MARIA DEL VALLE (1995) Mary Belle Windsor Professor of Science, Professor of Chemistry and Department Chair. Ph.D., University of Rio Cuarto

CHEN, PHILLIP (1995) Professor of Art and Design. B.F.A., University of Illinois - Chicago; M.F.A., School of Art Institute of Chicago

CLAPHAM, MARIA MACIEJCZYK (1990) Professor of Psychology and Department Chair. M.S., Ph.D., Iowa State University

CLASSEN, ANDREW B. (1992) Director of Jazz Studies and Fred and Patty Turner Professor in Jazz Studies. B.M.E., University of Wisconsin - Eau Claire; M.M., Tennessee State University

CRAIG, ROBERT G. (1991) Professor of Art and Design and Department Chair. B.A., Eastern Illinois University; M.F.A., Florida State University

DE LAET, DEBRA L. (1995) Professor of Politics and International Relations and Department Chair. M.A., Ph.D., University of Notre Dame

DOUGHERTY, WILLIAM P. (1994) Ellis and Nelle Levitt Professor of Music. M.A., Ph.D., Ohio State University

ESPOSITO, MATTHEW (1997) Professor of History. M.A., Arizona State University; Ph.D., Texas Christian University

GOLDFORD, DENNIS J. (1985) Professor of Politics and International Relations. M.A., Ph.D., University of Chicago

LENZ, JOSEPH M. (1982) Dean College of Arts & Sciences and Professor of English. B.A., St Norbert College; M.A., Arizona State University; Ph.D., University of Illinois-Urbana-Champaign

LEWIS, WILLIAM F. (1982) Professor of Rhetoric and Communication Studies/Chair of Culture & Society. M.A., Ph.D., University of Minnesota - Twin Cities

MEUNIER, ROBERT W (1985) Director of Bands and Professor of Percussion. M.M., University of Wisconsin - Madison; Ph.D., University of North Texas

MIRAFZAL, GHOLAM A. (1993) Professor of Chemistry. B.S., Jacksonville State University; Ph.D., University of Nebraska - Lincoln

PADILLA, CLARENCE S. (1993) Professor of Music/Department Chair. M.M., D.M.A., University Southern California

RENNER, MICHAEL (2009) Professor of Biology and Psychology. M.A., Oklahoma State University - Oklahoma City; Ph.D., University of California - Berkeley

ROSBURG, THOMAS R. (1996) Professor of Biology. M.S., Ph.D., Iowa State University

SANDERS, ARTHUR (1990) Associate Provost and Levitt Distinguished Professor of Politics. A.B., Franklin and Marshall College; Ph.D., Harvard University

SANDERS, BRIAN (1989) Professor of Psychology. B.A., Cornell College; Ph.D., University of Tennessee - Knoxville

SCHNEIDER, JOSEPH W. (1970) Ellis and Nelle Levitt Professor of Sociology. M.A., Ph.D., University of Iowa

SKIDMORE, DAVID G. II (1989) Professor of Politics and International Relations. M.A., Ph.D., Stanford University

SPAULDING-KRUSE, CAROL V. (1996) Professor of English. M.A., California State University - Fresno; Ph.D., University of Iowa

SWILKY, JODY (1988) Professor of English. M.F.A., University of Iowa; D.A., State University of New York - Albany

SYMONDS, DEBORAH A. (1988) Professor of History. M.A., State University of New York - Binghamton; Ph.D., Binghamton University

VITHA, MARK F. (1998) Mary Belle Windsor Professor of Science and Professor of Chemistry. B.A., University of St Thomas; Ph.D., University of Minnesota - Twin Cities

Associate Professors

BATTLE, ANGELA (2000) Associate Professor of Art and Design. B.S., Virginia Commonwealth Univ; M.F.A., University of New Mexico

BROWN, MEGAN C. (2005) Associate Professor of English. M.A., Ph.D., Pennsylvania State University

BUISING, CHARISSE M. (1993) Associate Professor of Biology. B.S., University of Iowa; Ph.D., Iowa State University

CADD, MARC (2005) Director of World Languages and Culture and Associate Professor. M.A., University of Houston; Ph.D., University Illinois at Urbana-Champaign

CAIRNS, COLIN J. (1986) Associate Professor of Chemistry. B.S., Ph.D., Queen's University of Belfast

CARDWELL, CURT (2005) Associate Professor of History. M.A., California State University - Sacramento; Ph.D., Rutgers-The State University of New Jersey

CAUFIELD, RACHEL PAINE (2001) Associate Professor of Politics. B.A., Hood College; Ph.D., George Washington University

COURARD-HAURI, DAVID (2000) Associate Professor of Environmental Science and Policy and Department Chair. MPA, Princeton University; Ph.D., Stanford University

CRAMER, RENEE ANN (2006) Director Law, Politics & Society and Associate Professor of Law, Politics and Society. M.A., Ph.D., New York University

CRAVERO, ANN (2002) Associate Professor of Music. M.A., DM.A., University of Iowa

CROWELL, BRADLEY LEWIS (2007) Associate Professor of Religion. M.A., Ph.D., University of Michigan - Ann Arbor

DAO, CHINH (2007) Associate Professor, Biology. B.A., University of Iowa; Ph.D., Emory University

DHUSSA, RAMESH (1989) Associate Professor of Geography. M.A., University of Akron; Ph.D., Kent State University

EATON, MUIR (2007) Associate Professor, Biology. B.A., Carleton College; Ph.D., University of Minnesota - Twin Cities

FAUX, STEVEN (1990) Associate Professor of Psychology. B.A., University of California - Riverside; Ph.D., Brigham Young University

FENDER, JOHN (1999) Associate Professor of Art and Design. M.A., M.F.A., University of Iowa

FREEMAN-MILLER, LEANNE (1998) Associate Professor of Voice. B.M., University of South Dakota; M.M., Drake University

GARDNER, BENJAMIN A. (2008) Associate Professor Art and Design. B.F.A., Millikin University; M.F.A., Illinois State University

GITUA, JOHN (2005) Associate Professor of Chemistry. M.S., Egerton University, Kenya; Ph.D., State University of New York - Binghamton

HAEDICKE, MICHAEL (2008) Associate Professor of Sociology. M.A., Ph.D., University of California - San Diego

HAMAD, MAHMOUD (2008) Associate Professor of Politics. M.A., Cairo University; Ph.D., University of Utah

HARVEY, JENNIFER (2004) Associate Professor of Religion. Ph.D., Union Theological Seminary

HENDERSON, LARHEE (1983) Director of Biochemistry, Cell and Molecular Biology and Associate Professor of Chemistry. B.S., Morningside College; Ph.D., University of Nebraska - Lincoln

HOLMAN, JOHN (1991) Associate Professor of Theatre Arts. B.A., University of Science & Arts of Oklahoma; M.F.A., University of Utah

HONTS, JERRY (1995) Associate Professor of Biology and Department Chair. B.S., Ph.D., University of Iowa

KARNICKY, JEFFREY (2005) Associate Professor of English. M.A., Ph.D., Pennsylvania State University

KASH, KARLA (2007) Associate Professor of Theatre. B.F.A., Wright State University; M.F.A., Brandeis University

KLIMASZEWSKI, MELISA (2008) Associate Professor of English. M.A., Ph.D., University of California - San Diego

KLIPIK, WILLIAM (1974) Associate Professor of Psychology. M.S., University of Wisconsin - Milwaukee; Ph.D., University of Arizona

KNEPPER, TIMOTHY (2003) Associate Professor and Department Chair. M.Div., Ph.D., Boston University

LAZAREVA, OLGA (2008) Associate Professor of Psychology. M.S., Kazan State University, Russia; Ph.D., Moscow State University

LEROUX, KAREN (2005) Associate Professor of History. M.A., University of British Columbia; Ph.D., Northwestern University

LYONS, MAURA (2000) Associate Professor of Art and Design. M.A., Ph.D., Boston University

MALLEA, AMAHIA (2007) Associate Professor of History. M.A., Ph.D., University of Missouri - Columbia

MARRS, LESLIE (2006) Associate Professor of Music. M.M., Florida State University; D.M.A., University of North Carolina - Greensboro

MCALISTER, JOAN F. (2005) Associate Professor of Rhetoric. M.A., Boise State University; Ph.D., University of Iowa

MCCARTHY, MARY (2007) Associate Professor of Politics. M.A., M.Phil, Ph.D., Columbia University

MCCRICKERD, JENNIFER A (1994) Director of the Honors Program and Associate Professor of Philosophy. M.A., Ph.D., Washington University

MCGRANNAHAN, A. GRAYDON (2007) Associate Professor, Low Brass. M.M., Northwestern University; D.M.U., Florida State University

MCKNIGHT, GLENN (1997) Associate Professor of History and Department Chair. M.A., Concordia University; Ph.D., Queen's University

METRICK-CHEN, LENORE (2006) Associate Professor of Art History. M.S., Ph.D., University of Chicago

MORI, AKIRA (2008) Associate Professor of Music. B.M., New England Conservatory; M.M., Indiana University - Bloomington

MOSSER, JOANNA (2006) Associate Professor of Politics. M.A., M.Phil, Ph.D., Yale University

NAYLOR, LAWRENCE (1978) Associate Professor of Math and Computer Science and Department Chair. M.A., Ph.D., University of Oklahoma

NELSON, CHARLES (2001) Associate Professor of Physics and Astronomy. M.S., Vanderbilt University; Ph.D., University of Virginia -Charlottesville

OWENS, CRAIG N. (2003) Associate Professor of English. B.A., DePauw University; Ph.D., Indiana University - Bloomington

PATTON-IMANI, SANDRA (2001) Associate Professor of American Studies. M.A., Ph.D., University of Maryland- College Park

PERRINE, JENNIFER M. (2006) Associate Professor of English. M.A., Bucknell University; Ph.D., Florida State University

PETRIDIS, ATHAN (2000) Associate Professor of Physics and Astronomy. B.S., National University of Athens, Greece; Ph.D., Iowa State University

PLUM, SARAH (2007) Associate Professor of Music. M.M., The Juilliard School; D.M.A., State University New York- Stony Brook

POMEROY, JOHN (1993) Associate Professor of Theatre Arts. B.A., St. Ambrose University; M.F.A., University of Iowa

REINCKE, NANCY (1992) Associate Professor of English. M.A., Ph.D., University of Iowa

RIECK, MICHAEL Q. (2000) Associate Professor of Computer Science. M.A., University of Oregon; Ph.D., University of South Florida

ROBERTSON, ELIZABETH (1987) Associate Professor of English and Department Chair spring 2013. M.A., Northwestern University; Ph.D., University of Iowa

ROMAIN, JAMES P. (2003) Associate Professor of Saxophone and Jazz Studies. M.M., University of North Texas; D.M.A., University of Illinois – Urbana-Champaign

ROTH, MARTIN A. (2009) Associate Professor of Philosophy. B.S., Willamette University; Ph.D., University of California – Davis

ROTH, NICHOLAS A. (2003) Associate Professor of Piano. M.M., Indiana University - Bloomington; D.M.A., Michigan State University

ROTHMAYER, MICHAEL (2000) Associate Professor of Theatre Arts. M.A., Missouri State University; Ph.D., University of Nebraska - Lincoln

SAYLOR, ERIC (2003) Associate Professor of Music History. M.A., Arizona State University; Ph.D., University of Michigan - Ann Arbor

SENCINA, DAVID (2006) Associate Professor of Biology. B.A., University of Northern Iowa; Ph.D., Iowa State University

SIDON, ASHLEY (2006) Associate Professor of Music. M.M., D.M.A., University of Cincinnati

SLEISTER, HEIDI (2001) Associate Professor of Biology. B.A., Central College; Ph.D., University of Iowa

SMITH, DINA (2004) Associate Professor of English. M.A., University of Maryland - College Park; Ph.D., University of Florida - Gainesville

SUMMERVILLE, KEITH (2002) Associate Dean and Mary Belle Windsor Professor of Science, Associate Professor of Environmental Science. M.En., Ph.D., Miami University - Oxford

UCHIDA, RIKA (2005) Associate Professor of Piano, Theory. M.A., D.M.A., University of Oregon

URNESS, TIMOTHY (2006) Associate Professor of Computer Science. M.S., Ph.D., University of Minnesota - Twin Cities

VALDOVINOS, MARIA (2005) Associate Professor of Psychology. M.S., University of South Alabama, M.A., Ph.D., University of Kansas - Lawrence

VANDEGRIFT, DARCI (2004) Associate Professor of Sociology and Department Chair. M.A., Ph.D., University of California - Santa Barbara

WEST, ELISABETH (2002) Associate Professor of English. B.A., Williams College; Ph.D., Stanford University

WIDIAPRADJA, IGNATIUS (1985) Associate Professor of Art and Design. B.F.A., University of Texas - El Paso; M.F.A., Southern Illinois University - Carbondale

WIRTH-CAUCHON, JANET (1995) Associate Professor of Sociology. B.A., Western Michigan University - Kalamazoo; Ph.D., Boston College

YOUNGER, A. ELIZABETH (2003) Associate Professor of English. M.A., Ph.D., Louisiana State University

ZEFF, ELEANOR (1988) Associate Professor of Politics and International Relations. M.A., George Washington University; M.A., Ph.D., The New School- New York City

Assistant Professors

BACHMANN, CHINATSU (2003) Assistant Professor of Second Language Acquisition. M.A., Ph.D., University of Iowa

BAYER, NATALIA (2010) Assistant Professor of History. M.A., Ph.D., Rice University

BOAZ, DANIELLE (2014) Assistant Professor of Law, Politics, and Society. B.A., Bowling Green State University; J.D., University of Toledo School of Law; L.L.B., St. Thomas University School of Law; M.A., Florida International University; Ph.D., University of Miami

BUSCH, MARC (2009) Assistant Professor of Biology. B.S., University of California - Irvine; Ph.D., University of California - Davis

CHRISTENSEN, DEBORA (2008) Assistant Professor of Biology. B.S., Ph.D., Iowa State University

GARCIA, EDUARDO VILLADA (2007) Assistant Professor, Second Language Acquisition. M.A., University of Iowa; Ph.D., Iowa State University

GARRIOTT III, WILLIAM C. (2013) Assistant Professor of Law, Politics and Society. B.A., Macalester College; M.T.S., Harvard Divinity School; M.A., Ph.D., Princeton University

GRAHAM, JOHN M. (2011) Assistant Professor of Theatre Arts. B.F.A., University of Cincinnati; M.F.A., University of Wisconsin - Madison

GROUT, JASON (2009) Assistant Professor of Mathematics. M.S., Ph.D., Brigham Young University

HERZOG, DAVID (2014) Assistant Professor of Mathematics. B.S., University of Tennessee; Ph.D., University of Arizona

HUEY, MARYANN (2011) Assistant Professor of Mathematics. M.A., University of Kansas; Ph.D., University of Missouri - Columbia

KALMANSON, LEAH (2010) Assistant Professor of Philosophy. B.A., Oglethorpe University; M.A., Ph.D., University of Hawaii - Manoa

KENT, DEBORAH (2012) Assistant Professor of Mathematics; B.A., Hillsdale College; M.S., Ph.D., University of Virginia

KILPATRICK, ADINA (2011) Assistant Professor of Physics. B.S., University of Bucharest; Ph.D., Rice University

KLIETHERMES, CHRISTOPHER (2011) Assistant Professor of Psychology. B.S., Lincoln University; Ph.D., Oregon Health Sciences University

LANCASTER, STEVEN (2011) Assistant Professor of Psychology. M.A., Ph.D., Southern Illinois University - Carbondale

LETTER, AMY (2011) Assistant Professor of English. B.A., Florida Atlantic University; M.F.A., University of Arkansas - Fayetteville

MANLEY, ERIC (2009) Assistant Professor of Computer Science. M.S., Ph.D., University Nebraska- Lincoln

MCCOY, SARAH (2006) Assistant Professor of Graphic Design. B.A., M.A., M.F.A., University of Iowa

PAREDES, SOFIA M. (2009) Assistant Professor Second Language Acquisition. M.A., Universidad Andina Simón Bolívar; Ph.D., University of California - Davis

ROSS, NANJI J. (2010) Assistant Professor of Biology. M.S., Ph.D., University of Connecticut

SHERMAN, MILAN (2013) Assistant Professor of Mathematics. B.A., Franciscan University of Steubenville; M.S., Ed.D., University of Pittsburgh

SLETTTO, THOMAS A. (2004) Assistant Professor of Music. B.A., Concordia College - Moorhead; M.A., University of St Thomas- St. Paul Minnesota

SZRAMEK, KATHRYN (2009) Assistant Professor of Biology. M.S., Ph.D., University of Michigan - Ann Arbor

TRAN, JEANETTE (2014) Assistant Professor of English. B.A., University of California, Los Angeles; M.A., Ph.D., University of Wisconsin-Madison.

WARD, NEIL (2014) Assistant Professor of Graphic Design. B.A., Sage College of Albany; M.F.A., University of Tennessee

ZWIER, MATTHEW (2013) Assistant Professor of Chemistry. B.S., Hope College; M.S., University of Illinois at Urbana-Champaign; Ph.D., University of Pittsburgh

Lecturers

POPPEN, JOSEFA (1988) Instructor of Theatre Arts. B.A., Coe College

SCHNEIDER, M. CHRISTINE () Director of the Community School of Music; Lecturer in Music Theory. B.M., M.M., University of Cincinnati College Conservatory of Music

Visiting Faculty

ALBERDA, GAYLE (2014) Visiting Assistant Professor of Politics. B.S., M.P.A., Central Michigan University; Ph.D., Wayne State University

BOHON, JASON (2013) Visiting Assistant Professor of Theatre. B.F.A., B.A., University of Central Missouri; M.F.A., London International School of Performing Arts, United Kingdom

CHEN, CYNDI (2012) Visiting Instructor of Chinese. M.A., University of South Dakota; B.S., Buena Vista College; B.A., Soochow University, Taipei, Taiwan

DREISS, CATHERINE (2010) Visiting Assistant Professor of Art and Design. B.A., Mount Holyoke College; M.F.A., Cranbrook Academy of Art

GUTIERREZ NAJERA, LOURDES (2014) Visiting Assistant Professor of Anthropology. B.A., University of California- Los Angeles; M.A., M.S.W., Ph.D., University of Michigan

MADDEN, YASMINA (2003) Visiting Instructor of English. B.A., Loyola Marymount University; M.F.A., Indiana University - Bloomington

MAIENSCHEIN, DANIEL (2014) Visiting Assistant Professor of Mathematics. B.S., University of Missouri; Ph.D., University of Arizona

O'NEILL, TIMOTHY (2014) Visiting Assistant Professor of History. B.A., University of Maryland; M.A., University of Chicago; M.A., Ph.D., University of Washington

SAMEK, ALYSSA (2013) Visiting Assistant Professor of Rhetoric. B.A., University of St. Thomas; M.A., Colorado State University; Ph.D., University of Maryland - College Park

TREAT, STACEY (2011) Visiting Instructor of Rhetoric. B.A., University of Arkansas - Fayetteville; M.A., University of Arkansas - Fayetteville

WILLIAMS, KIERAN (2004) Visiting Assistant Professor of Politics. AB, Princeton University; Ph.D., University of Oxford

Emeriti Faculty

ABEL, RICHARD O., Ellis and Nelle Levitt Professor Emeritus of English.

ADAMS, FREDERICK, Ellis and Nelle Levitt Professor Emeritus of History.

AKIN, WALLACE E., Professor Emeritus of Geography and Geology.

ARCHER, JULIAN, Professor Emeritus of History.

BAKER, BERNADETTE M., Associate Professor Emerita of Mathematics and Computer Science.

BARTON, MIKE, Professor Emeritus of Theatre Arts.

BLACK, RICHARD R., Professor Emeritus of Art.

BROWN, JOANNE H., Associate Professor Emerita of English.

CANARINA, JOHN, Professor Emeritus of Conducting and Orchestral Activities.

CHRISTIANSEN, JAMES L., Professor Emeritus of Biology.

CLARK, C. WALTER, Professor Emeritus of Political Science.

COLEMAN, WILLIAM S.E., Professor Emeritus of Theatre Arts.

CONNER, KAREN A., Professor Emerita of Sociology.

DALEY, A. STUART, Professor Emeritus of English.

DEALBA, LUZ, Professor Emerita of Mathematics.

DOWNING, HARRY L., JR., Associate Professor Emeritus of Physics.

ECKLEY, GRACE, Professor Emerita of English.

EHRlich, JOHN, Professor Emeritus of Cello.

ELLIOTT, CLIVE (1990), Daniel B. Goldberg Emeritus of Theatre Arts.

ERICKSON, LEONARD E., Professor Emeritus of History.

ERICSON, JON L., Ellis and Nelle Levitt Professor Emeritus of Rhetoric and Communications Studies.

FOSTER, DAVID, Professor Emeritus of English.

GARFIELD, SALLY, Associate Professor Emerita of Theatre Arts.

GILDNER, GARY, Professor Emeritus of English.

HANE, NORMAN, Professor Emeritus of English.

HANSON, SUSAN, Associate Professor Emerita of French.

HARRIS, CHARLES DAVID, Ellis and Nelle Levitt Professor Emeritus of Music History and Harpsichord.

HESS, STANLEY, Professor Emeritus of Art.

HICKS, JOHN, Professor Emeritus of Art.

HODGDON, BARBARA, Ellis and Nelle Levitt Professor Emerita of English.

HOFFERT, JOSEPH B., Associate Professor Emeritus of Mathematics.

HOGANSON, DEAN A., Professor Emeritus of Biology.

HOUF, WALTER R., Professor Emeritus of History.

HOULETTE, WILLIAM, Associate Professor Emeritus of History.

JACKSON, PAUL J., Dean and Professor Emeritus of Music.

KATZ, GEORGE, Professor Emeritus of Music.

KEYWORTH, DONALD R., Professor Emeritus of Philosophy.

KINGSBURY, PHYLLIS, Associate Professor Emerita of Biology.

KLEINER, ALEXANDER F., Thomas F. Sheehan Professor Emeritus of Mathematics.

KODAMA, ROBERT, Professor Emeritus of Biology.

KOPECKY, KENNETH, Professor Emeritus of Mathematics and Computer Science.

LARSON, ROBERT, Professor Emeritus of Chemistry.

LIGHT, JAY, Professor Emeritus of Wind Instruments.

LIN, CHIU-LING, Professor Emerita of Piano.

LIN, TSUNG-KUANG, Professor Emeritus of History.

LINDBERG, JAMES G., Professor Emeritus of Chemistry.

LUCAS, GENE, Professor Emeritus of Biology.

LUKE, JAMES W., JR., Professor Emeritus of Wind Instruments, Woodwinds.

LUTZ, ROBERT W., Associate Professor Emeritus of Physics.

MARCOUILLER, DON R., Professor Emeritus of Music.

MARTIN, BRUCE K., Ellis and Nelle Levitt Professor Emeritus of English.

MARTY, MYRON, Dean and Professor Emeritus of History.

McCAW, JOHN E., Professor Emeritus of Religion.

MILLER, DALE, Professor Emeritus of Religion.

MILLER, KENNETH E., Professor Emeritus of Sociology.

MILLER, VERN, Assistant Professor Emeritus of Voice.

MYSZEWSKI, MICHAEL E., Professor Emeritus of Biology.

NELSON, CHARLES A., Professor Emeritus of History.

NEWKIRK, WAYNE, Professor Emeritus of Economics.

OAKLAND, DAVID O., Associate Professor Emeritus of Mathematics and Computer Science

O'BRIEN, DENNIS C., Associate Professor Emeritus of Geology.

OXLEY, THERON, Associate Professor Emeritus of Mathematics and Computer Science.

PATRICK, DALE A., Professor Emeritus of Religion.

PETERSEN, VIBEKE R., Professor Emerita of Women's Studies.

PRIETO, HILDA, Assistant Professor Emerita of Spanish.

RANDIC, MILAN, Ellis and Nelle Levitt Professor Emeritus of Mathematics and Computer Science.

RANKIN, JANE L., Associate Professor Emerita of Psychology.

ROBINSON, DAVID, Professor Emeritus of Physics.

SCULT, ALLEN, Professor Emeritus of Philosophy and Rhetoric.

SHULTZ, ROBERT R., Professor Emeritus of Piano.

SORIA, MARIO, Professor Emeritus of Spanish.

STAUNTON, LAWRENCE, Professor Emeritus of Physics

STRATTON, DONALD, Ellis and Nelle Levitt Professor Emeritus of Physiology and Professor Emeritus of Biology.

SWANSON, HAROLD D., Professor Emeritus of Biology.

SWISS, THOMAS, Professor Emeritus of English.

TORGERSON, JON, Professor Emeritus of Philosophy.

TORRENCE, GAYLORD, Professor Emeritus of Art.

TROYER, RONALD J. (1980), Senior Counselor for International Initiatives and Professor Emeritus of Sociology.

VAN DYCK, ROSEMARIE, Professor Emerita of Spanish.

VEEDER, DAVID A., Associate Professor Emeritus of German.

WACHA, RICHARD, Professor Emeritus of Biology.

WEAST, ROBERT D., Professor Emeritus of Wind Instruments, Brass.

WORTHEN, THOMAS F., Associate Professor Emeritus of Art.

WRIGHT, SUSAN E. (1975), Provost, Dean, and Professor Emerita of Sociology.

College of Business and Public Administration

The Drake University College of Business and Public Administration provides a four-year undergraduate program leading to the Bachelor of Science in Business Administration (B.S.B.A.) The graduate programs lead to the Master of Business Administration (M.B.A.), Master of Accounting (M.Acc.), Master of Public Administration (M.P.A) and Master of Financial Management (M.F.M).

College Vision Statement

The CBPA will offer premier programs that develop future leaders with exceptional analytical and data-driven skills. We will partner with the central Iowa public and private sectors in developing and promoting excellence in our community.

College Mission Statement

The CBPA prepares our learners for immediate and enduring success in an increasingly technological, data-driven, and global environment. With a mix of academically and professionally qualified faculty, we connect theory and practice by bringing the world into the classroom and the classroom into the world.

Our Promise

Our graduates will have the skills and experiences to thrive in a volatile, uncertain, and complex world. They will be:

- Proficient in their fields
- Data-driven, strategic problem solvers
- Effective communicators
- Ethical stewards
- Global and multicultural citizens

Independent Study

Each department in the College of Business and Public Administration, as faculty time permits, offers independent study according to the needs and interest of its students. These courses are open to students with the consent of the instructor and associate dean. They provide opportunities for directed or independent study and research in selected topics.

To be eligible for independent study, a student must have completed at least 57 credit hours with a cumulative GPA of 2.75 or higher for all work at Drake and a cumulative GPA of 2.75 or higher for all business/economics work completed at Drake. Independent study may be used to earn up to 12 hours of credit toward a degree in business administration.

Areas of Study

Academic Regulations

Graduation Requirements

Faculty

Areas of Study

Majors

In the undergraduate program, students study a prescribed core of courses and a selected major in one of the following areas of study:

- [Accounting](#)
 - [Single major](#)
 - [Joint major programs](#)
- [Actuarial Science](#)
 - [Single major](#)
 - [Actuarial Science / Finance joint major](#)
- [Business-Law 3+3](#)
- [Business Studies](#)
- [Economics](#)
- [Entrepreneurial Management](#)
- [Finance](#)
- [Information Systems](#)
- [International Business](#)
- [Management](#)
- [Marketing](#)
- [Quantitative Economics](#)

Minors

Minors are offered to students in the other schools and colleges of the University in the following areas of study:

- [Business Studies](#)
- [Entrepreneurship](#)
- [Marketing](#)

Concentrations

In addition to its majors and minors, the College of Business and Public Administration offers shorter, concentrated study in the following areas of study to students both within the College and in the other schools and colleges of the University:

- [Information Systems](#)
- [Insurance](#)
- [Law and Business](#)

Accounting

Available 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 another business discipline

[Accounting department web site](#)

Program Overview

The School of Accounting provides an education in accounting and business law that prepares graduates to assume entry-level positions in public, private, governmental, and not-for-profit accounting. Its program establishes a foundation for future growth and development for the accounting student. Students learn how to develop, analyze, interpret and present business data and information that enable effective business decision-making. The curriculum prepares graduates to sit for professional examinations in accounting that lead to such designations as Certified Public Accountant (CPA), Certified Management Accountant (CMA), and Certified Internal Auditor (CIA). Finally, the accounting major is excellent preparation for law school and a legal career.

Graduates are prepared to assume responsibilities in a wide range of professional positions and in diverse employment situations. For example, positions are available for graduates as auditors, tax and business and consultants in public accounting; cost control, budgeting, internal auditing, financial reporting and tax planning in both industry and the not-for-profit sector; and as auditors and financial managers in the public sector.

Requirements for Major

The School of Accounting awards both graduate and undergraduate degrees in accounting. The undergraduate degree, a Bachelor of Science in Business Administration (B.S.B.A.), requires 124 semester hours and is typically completed in four years on a full-time basis. A student may pursue either the accounting major itself or a joint major in accounting and another discipline within the College of Business and Public Administration (CBPA).

The accounting major requires completion of 27 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. 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.

Students admitted to Drake University who declare an accounting major are conditionally admitted to the School of Accounting as “pre-accounting” majors. As pre-accounting majors, students are assigned accounting faculty members as academic advisers and are invited to participate in School of Accounting activities. An application for full admission to the school must be filed with the director of the school when admission requirements have been met, typically in the fall semester of the junior year. This requirement applies to accounting majors, joint accounting majors, and double majors that include accounting. The School of Accounting admits students who have satisfactorily met the following requirements:

- Junior standing.
- Completion of each of the following courses (or their equivalents) with a grade of "C" or better, whether at Drake or accepted as transfer credit to Drake
 - BLAW 060
 - IS 044
 - MATH 028 or higher
 - ECON 001
 - ECON 002
 - STAT 071
 - ACCT 041
 - ACCT 042
 - ACCT 080
- Attainment of a cumulative GPA of 2.50 or higher on all work completed at Drake University.
- Attainment of a cumulative GPA of 2.50 or higher for Accounting 41, Accounting 42 and Accounting 80.
- Students transferring more than 48 credit hours to Drake must complete at least 12 credits at Drake with a cumulative GPA of 2.50 or higher, including a "C" or better in ACCT 115, ACCT 185, or ACCT 165.

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.

Course	Credit Hours
ACCT 041 - Introduction to Financial Accounting	3
ACCT 042 - Introduction to Managerial Accounting	3
ACCT 080 - Accounting Information Systems	3
ACCT 090 - Profit Planning and Control	3
ACCT 115 - Cost Accounting	3
ACCT 165 - Financial Accounting I	3
ACCT 166 - Financial Accounting II	3

ACCT 167 - Financial Accounting III	3
ACCT 175 - Auditing Principles	3
ACCT 185 - Individual Taxation	3
ACCT 186 - Business Entity Taxation	3
BLAW 060 - Business Law I	3

Requirements for Joint Majors

The purpose of the joint major in accounting is to provide the opportunity for students to complete an in-depth study of both accounting and another business discipline within the 124 credits needed to obtain an undergraduate degree. This is not possible if the student pursues a double major in accounting and another business discipline. The accounting joint major requires completion of 18 credit hours of accounting courses, beyond introductory accounting, along with additional credit hours in another CBPA discipline. The following accounting joint majors are offered

- Accounting/Actuarial Science
- Accounting/Finance
- Accounting/International Business
- Accounting/Information Systems
- Accounting/Management
- Accounting/Marketing

Unlike a double major, a joint major is a single major that incorporates coursework in both accounting and another business discipline. At the completion of a joint accounting major, a student meets the education requirement to sit for the Certified Management Accountant (CMA), and Certified Internal Auditor (CIA) examinations.

The joint major enables graduates to seek accounting positions in industry, government and the not-for-profit sector. In addition, it provides students who are not interested in accounting as a career, a strong foundation in financial reporting, cost accounting, taxation, and the auditing of operations. The joint accounting major still provides the undergraduate student with the accounting courses needed to enter the Master of Accounting degree program, if a student should decide later to pursue CPA professional certification.

A joint accounting major requires:

1. Acceptance of the student into the School of Accounting.
2. Completion of ACCT 080, 115, 165, 166, 175, and 185 with a cumulative GPA for these courses of 2.00 or higher.
3. Completion of the requirements of another discipline in the College of Business and Public Administration.

The joint major requirements by the complementary non-accounting discipline are:

A. Joint Major: Accounting/Actuarial Science

- Non-business requirement: MATH 050, 070, 080 and 100.

- Business core: STAT 071 and 072 are replaced by STAT 131 and 141
- Actuarial Science requirement: ACTS 120, 121, 132, 145, 150 and 151; FIN 102.
- For the student to be fully prepared for the fourth professional actuarial science examination, he/she should complete ACTS 160 – Credibility and Simulation. ACTS 170 – Statistical Modeling and Data Analysis II OR ECON 107 — Econometrics is required to earn Validation by Educational Experience credit from the actuarial societies.

B. Joint Major: Accounting/Finance

- Non-business requirement: ECON 105
- Finance requirement: FIN 102, 119, 121, 193 and 197.

C. Joint Major: Accounting/International Business

- Non-business requirement: POLS 065, SCSG 003.
- Business requirement: MGMT 170, FIN 170, MTKG 170, and ECON 130 or 175
- Two area study courses. Students may choose two courses focused on a region of the world: Africa, Asia, Europe, or Latin America, or two globally oriented courses focused on a topical area: Cultural, Political, Religious, or Economic studies.
- 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 University.

D. Joint Major: Accounting/Information Systems

- Information Systems requirement: IS 074, 160, plus three of the following: IS 080, 145, 150, or CS 065

E. Joint Major: Accounting/Management

- Non-business requirement: PSY 001
- Management requirement: Four of the following courses: MGMT 145, 160, 170, 182, or 184

F. Joint Major: Accounting/Marketing

- Non-business requirement: PSY 001
- Marketing requirement: MKTG 113, 115, and 118, plus three of the following: MKTG 104, 106, 109, 111, 112, 130, 170, 180

Actuarial Science

Available Options

- **Bachelor of Science in Business and Administration (B.S.B.A.)** with a major in Actuarial Science
- **Bachelor of Science in Business and Administration (B.S.B.A.0)** with a joint major in Actuarial Science/Finance

[Actuarial Science department web site](#)

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 five examinations of the Society of Actuaries and five of the first 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.

Requirements for Major

Non-business requirements:

- Mathematics 50, 70, 100 (Calculus I, II and III)
- Mathematics 80 (Linear Algebra)
- Information Systems 44 (IT Applications for Business)

Business core:

- Statistics 71 and 72 are replaced by Actuarial Science 131 (Introduction to Probability I) and Actuarial Science 141 – (Statistical Modeling and Data Analysis I)

Requirements for major:

- Actuarial Science 120 (Theory of Interest)
- Actuarial Science 121 (Introduction to Derivatives)
- Actuarial Science 132 (Introduction to Probability II)
- Actuarial Science 145 (Derivatives Mathematics)
- Actuarial Science 150, 151 (Life Insurance Mathematics I, II)
- Actuarial Science 170 (Statistical Modeling and Data Analysis II) or Economics 107 (Introduction to Econometrics)

- Finance 102 (Advanced Corporate Finance)

To be fully prepared for Exam C (one of the first five actuarial examinations), students should also complete Actuarial Science 160 (Credibility and Simulation).

Requirements for Actuarial Science/Finance Joint Major

The joint major in actuarial science and finance provides students with an opportunity to study two subjects that require somewhat similar skills. The goal of the program is to provide students in four years with the essential skills required in both fields.

Students who complete this program are particularly suited to pursue careers in the financial services industry where the emphasis is on the management of financial assets and liabilities. This includes the insurance industry with its emphasis on asset management and variable products, and the banking industry with its emphasis on the management of interest rate risk.

For students planning to complete professional actuarial examinations, the finance courses cover several topics that appear on the advanced examinations.

Nonbusiness requirements:

- Mathematics 50, 70, 100 (Calculus I, II and III)
- Mathematics 80 (Linear Algebra)
- Information Systems 44 (IT Applications for Business.)

Business core:

- Statistics 71 and 72 are replaced by Actuarial Science 131 (Introduction to Probability I) and Actuarial Science 141 (Statistical Modeling and Data Analysis I)

Requirements for major:

- Actuarial Science 120 (Theory of Interest)
- Actuarial Science/Finance 121 (Introduction to Derivatives)
- Actuarial Science 132 (Introduction to Probability II)
- Actuarial Science 145 (Derivatives Mathematics)
- Actuarial Science 150, 151 (Life Insurance Mathematics I and II)
- Economics 105 (Money and Banking)
- Finance 102 (Advanced Corporate Finance)
- Finance 129 (Financial Institutions Management)
- Finance 193 (Portfolio Analysis)
- Finance 197 (Seminar in Finance)
- One of the following three:
 - Economics 174 (Intermediate Macroeconomic Analysis)
 - Finance 170 (International Finance)
 - Finance 190 (Equity Valuation and Analysis)

To be fully prepared for Exam C (one of the first five actuarial examinations), students should also complete Actuarial Science 160 (Credibility and Simulation). Actuarial Science 170 (Statistical Modeling and Data Analysis II) or Economics 107 (Introduction to Econometrics) is needed for the Validation by Educational Experience requirement of the actuarial societies.

Business/Law 3+3 Program

With the Business/Law 3+3 program, students must satisfy all College of Business and Public Administration major requirements in their first three years with the exception of the 124 hour graduation requirement. Students save their elective hours to use in the first year of law school and may choose any major within the college as their undergraduate major. All business majors are required to take at least one course in business law, with an option to take more. Students can also earn a concentration in business law, strengthening their preparation and credentials for law school. If accepted into Drake University Law School, students should finish the 124 hour graduation requirement for their undergraduate degree during the first year of law school.

Business Studies

Available Options

- [Bachelor of Science in Business and Administration \(B.S.B.A.\) with a major in Business Studies](#)
- [Business Studies minor](#)

[Business Studies web site](#)

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.

Requirements for Major

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 minimum of 15 hours from accounting, finance, management/entrepreneurial management, and marketing. The remaining nine hours in the major may include additional study in accounting, finance, management/entrepreneurial management, and marketing, and/or study in business, information systems, insurance and business law. There may be no more than nine hours in any single discipline within the 24 hour major; and 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.

Requirements for Minor

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	Credit Hours
ACCT 041 - Introduction to Financial Accounting	3
ECON 001 - Principles of Macroeconomics	3
ECON 002 - Principles of Microeconomics	3
FIN 095 - Managing Individual Finances	3
IS 044 - IT Applications for Business	3
MGMT 110 - Organizational Behavior	3
MKTG 101 - Marketing Principles	3
One additional elective course offered by the College of Business and Public Administration	

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

Economics

Available Programs

- [Bachelor of Arts \(B.A.\) with a major in Economics](#)
- [Bachelor of Science in Business and Administration \(B.S.B.A.\) with a major in Economics](#)
- [Economics minor](#)

[Economics department web site](#)

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 economics major provides excellent preparation for professional study in law, business or public administration because economics is an important analytical tool used in these fields. Students interested in graduate study in economics or a closely related field (finance, public policy, international relations) should also consider the [quantitative economics major](#).

Requirements for Major

The economics major requires 27 credits of economics, 3 credits of mathematics, and 6 credits of statistics.

All candidates for an economics major must complete the following courses:

- Mathematics 28 (Business Calculus), OR Mathematics 50 (Calculus I)
- Statistics 71 (Statistics I)
- Statistics 72 (Statistics II)
- Economics 1 (Principles of Macroeconomics)
- Economics 2 (Principles of Microeconomics)
- Economics 173 (Intermediate Microeconomic Analysis)
- Economics 174 (Intermediate Macroeconomic Analysis)
- Five additional economics courses numbered 100 or above

All candidates must also satisfy the requirements of the [Drake Curriculum](#).

Additional Requirements for the Bachelor of Science in Business and 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 Business 195 as the Capstone.

Additional Requirements for the Bachelor of Arts (B.A.) Degree

In addition to the requirements above, B.A. candidates must write a Capstone paper, registered as a 1-hour independent study (Economics 199). Candidates for the B.A. degree may not add a minor in marketing or a minor in business studies. Instead, students interested in business should consider the B.S.B.A. degree, which requires the same economics courses as the B.A. degree but includes broad training in business subjects.

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:

- Mathematics 28 (Business Calculus), OR Mathematics 50 (Calculus I)
- Economics 1 (Principles of Macroeconomics)
- Economics 2 (Principles of Microeconomics)
- Economics 173 (Intermediate Microeconomic Analysis), OR Economics 174 (Intermediate Macroeconomic Analysis)
- Three additional economics courses numbered 100 or above

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

Entrepreneurial Management

Available Options

- [Bachelor of Science in Business and Administration \(B.S.B.A.\)](#) with a major in Entrepreneurial Management
- [Entrepreneurship minor](#) (available only to non-business students)

[Entrepreneurial Management department web site](#)

Program Overview

The entrepreneurial management major is designed for students who are interested in concepts related to starting and growing a business. Additionally, when combined with another business major, this major will help a student develop an entrepreneurial perspective relevant to any field. Students learn the process for new product or service concept generation, feasibility analysis and implementation as well as gain understanding in the leadership and management qualities of entrepreneurs.

The minor is designed for students that are not business students but have an interest in entrepreneurship. The minor addresses the role of entrepreneurship in the current economy, the nature of entrepreneurial organizations, and the demands and rewards of life as an entrepreneur. The minor will be beneficial for students who wish to further their entrepreneurial knowledge and skills as well as develop skills should they wish to pursue an entrepreneurial endeavor.

Requirements for Major

Course	Credit Hours
PSY 001 - Introduction to Psychology (with lab)	4
ENTR 001 - Profiles in Entrepreneurship	1
ENTR 101 - Entrepreneurial Leadership	3
ENTR 150 - The Business Model	3
ENTR 190 - Creating a Company	3

MGMT 160 - Planning and Control of Operations	3
MGMT 182 - Human Resource Management, or	3
MGMT 184 - Leadership and Personal Development	3
MKTG 106 - Promotional Management Sales, or	3
MKTG 104 - Sales Management	3
MKTG 118 - Marketing Management, or	3
MKTG 180 - New Product Marketing	3
BLAW 180 - Legal Issues of Business Organizations, or	3
BLAW 190 - Legal Topics of Current Interest	3
TOTAL	29

Entrepreneurship Minor

Course	Credit Hours
ACCT 041 - Introduction to Accounting	3
ECON 002 - Microeconomics	3
ENTR 001 - Profiles in Entrepreneurship	1
ENTR 101 - Entrepreneurial Leadership	3

ENTR 150 - The Business Model	3
ENTR 190 - Creating a Company	3
MKTG 101 - Marketing Principles	3
Electives - <i>Select two from the following:</i>	6
BLAW 060 - Business Law I	3
BLAW 180 - Legal Issues / Business Organizations	3
HSCI 055 - Issues in Health Sciences: Entrepreneurial Leadership	3
MGMT 110 - Organizational Behavior	3
MGMT 120 - Operations Management	3
MGMT 182 - Human Resources Management	3
MGMT 184 - Leadership and Personal Development	3
MKTG 102 - Professional Selling	3
MKTG 180 - New Product Marketing	3
PHAR 174 - Applied Pharmacy Management	3
PHAR 285 - Entrepreneurship Rotation	
TOTAL	25

Finance

Available Options

[Bachelor of Science in Business and Administration \(B.S.B.A.\) with a major in Finance](#)

[Finance department web site](#)

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 careers of the majority of finance graduates can be broadly classified into one of four specializations or tracks: personal financial planning, financial institutions management, corporate finance and investments. Drake's program offers students a choice of study from specializations consistent with these classifications. Graduates are prepared for advanced study in business or finance or to assume responsible, entry-level managerial positions in financial management in business, government and not-for-profit entities. Furthermore, they possess an excellent foundation for future growth and career development.

Requirements for Major

In addition to the Drake Curriculum requirements:

- 18 credits of core courses required of all finance majors
- 12 credits of courses related to the student's chosen track
- 52 credits of business core requirements (required of all business majors)

The basic core courses of the finance major:

- FIN 102 - Advanced Corporate Finance
- FIN 119 - Financial Institutions, Instruments and Markets
- FIN 121 - Introduction to Derivatives
- FIN 193 - Portfolio Analysis
- FIN 197 - Seminar in Finance
- ECON 105 - Money and Banking

These courses provide the student with a thorough grounding in each of the functional areas of the finance discipline. It is recommended that students take Economics 105 in the fall semester of the sophomore year; Finance 101 in the spring semester of the sophomore year; Finance 102 and Finance 121 in the fall semester of the junior year; Finance 119 and Finance 193 in the spring semester of the junior year; and Finance 197 in the spring semester of the senior year. Students need to complete Statistics 71 and Statistics 72 by the end of their sophomore year.

The remainder of the program depends upon the student's choice from among the four tracks: personal financial planning, financial institutions management, corporate finance and investments. These tracks correspond to the most common

careers pursued by finance graduates. Students interested in a more in-depth understanding of accounting may wish to pursue the accounting/finance joint major. (See [Accounting](#) for more information.) Actuarial science students who are interested in a more in-depth understanding of finance may wish to pursue the [actuarial science/finance joint major](#).

Information Systems

Available Options

- [Bachelor of Science in Business and Administration \(B.S.B.A.\) with a major in Information Systems](#)
- [Information Systems concentration](#)

[Information Systems department web site](#)

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.

Requirements for Major

The information systems major requires 18 credits of core courses and 9 credits of track specialization courses.

The basic core courses of the information systems major include:

- CS 065 - Introduction to Computer Science I
- IS 074 - Advanced IT Applications for Business
- IS 080 - Visual Basic
- IS 145 - Website Technology
- IS 150 - Network Management
- IS 160 - Database Management

All candidates must also satisfy the requirements of the [Drake Curriculum](#).

Information systems majors must select a track consisting of nine credit hours from a single discipline in business other than information systems. It is suggested the track courses are taken during a student's junior and senior years. The student's adviser must approve the track selections.

Requirements for Concentration

The information systems concentration provides students with an opportunity to enhance their ability to use information technology to solve business problems. The courses in the concentration focus on increasing skills for business end users and are a great addition to any business major.

Choose three of the following five courses:

- IS 074 – Advanced IT Applications for Business
- IS 080 – Visual Basic
- IS 145 – Website Technology
- IS 150 – Network Management
- IS 160 – Database Management

A GPA of 2.00 in the three courses is required to receive credit for the concentration.

International Business

Available Options

[Bachelor of Science in Business and Administration \(B.S.B.A.\) with a major in International Business](#)

[International Business department web site](#)

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 in operations of international enterprises, international banks 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.

Requirements for Major

Course	Credit Hours
Non-Business requirements	
SCSG 003 - World Regional Geography	3
POLS 065 - Comparative Politics, or	3
POLS 075 - World Politics	3

The IBUS major recommends PSY 001 or ENSP 035/036 to fulfill the Life/Behavioral Science Area AOI

Foreign language - *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.* 0-12

Two area study courses - *The area study consists of two courses focused on a region of the world: Africa, Asia, Europe, or Latin America, or two globally-oriented courses focused on a topical area: Cultural, Political, Religious, or Economic studies.* 6

Business requirements

ECON 130 - International Economics, or 3

ECON 175 - Developing Economies 3

FIN 170 - International Finance 3

MKTG 170 - Global Marketing 3

MGMT 170 - International Management 3

Six functional area credits - *The functional area credits consist of six credits, beyond the business core, selected from one functional area: accounting, actuarial science, economics, entrepreneurship, finance, insurance, marketing, information systems, management, business law, or human resources (HR functional area courses need to be chosen from an approved list of courses). Alternately, six credits from an international internship may be applied to meet this requirement.* 6

TOTAL 30-42

International experience requirement:

Each student in the IBUS major is required to have an international experience of one of the following types:

- Semester study abroad
- Study abroad seminar course(s) totaling 6 or more credits.
- Internship abroad
- Internship in the US with a significant international focus

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.

Participation in a semester-abroad program is highly encouraged. The best time for this experience is in the spring of the sophomore year or the fall or spring of the junior year. A semester abroad requires careful identification of courses abroad that satisfy graduation requirements and careful scheduling of courses before and after the study-abroad semester. Students work with their advisers and with the Center for International Programs and Services to select study-abroad programs and to schedule classes.

Management

Available Options

[Bachelor of Science in Business and Administration \(B.S.B.A.\) with a major in Management](#)

[Management department web site](#)

Program Overview

Professional managers are a distinct and essential group in modern society who are responsible for maintaining and improving organizational effectiveness. The management major prepares students for the challenging task of directing people and activities in today's private, public and not-for-profit organizations. Those who study this field at Drake are grounded in the theories, concepts, practices and ethical concerns of contemporary management and emerging trends. Management students learn how organizations are designed and administrated, how people behave as members of an organization, and how employees are compensated, motivated and protected. They learn how organizations measure and improve performance and how they make strategic advances in a competitive marketplace. They study leadership and assess and develop their personal leading skills. In addition, they are exposed to the issues and challenges of managing organizations in a global economy.

Many students choose management as a second major in which case they often begin their career in a position related to their first major, but with accelerated opportunities for advancement. Those whose primary focus is management may attain positions in human resource departments, operations, customer service, purchasing and sales; they work as franchise managers, management consultants, department managers; and they work in diverse industries from financial services to manufacturing to retail.

Requirements for Major

Course	Credit Hours
ACCT 125 - Managerial Accounting (recommended), or	3
ACCT 115 - Cost Accounting	3
MGMT 145 - Organizational Design and Development	3
MGMT 160 - Planning and Control of Operations	3

MGMT 170 - International Management	3
MGMT 182 - Human Resource Management	3
MGMT 184 - Leadership and Personal Development	3
PSY 001 - Introduction to Psychology (with lab)	4
Six credits in an area of special interest - <i>Select two courses (six credits) beyond the management core from other disciplines in the College of Business and Public Administration. The two courses must be in the same field. In exceptional cases, fields outside the college may be selected (two courses or six credits from the same field) as approved by the department. The area of special interest should reinforce professional development and career objectives of the student.</i>	6
TOTAL	28

Marketing

Available Options

- [Bachelor of Science in Business and Administration \(B.S.B.A.\) with a major in Marketing](#)
- [Marketing minor \(available only to non-business students\)](#)

[Marketing department web site](#)

Program Overview

The Marketing major provides both a theoretical understanding and a managerial/applied perspective regarding the principles of marketing and an understanding of marketing's interaction with other functional areas of the organization. Through the selection of marketing tracks, marketing majors receive a broad exposure to the diversity of marketing activities and an opportunity to tailor the program to their own interests. Marketing tracks are offered in integrated marketing communications, direct and interactive marketing, marketing management, marketing research and sales. Central to these ends, the courses develop an understanding of the vocabulary of marketing, the process of exchange and the role of relevant information in decision-making. Experience with diagnosing and analyzing marketing problems as well as developing and implementing courses of action is emphasized.

Students of marketing prepare for professional careers in marketing management, product management, marketing research, consumer analysis, advertising management, selling and promotion, brokerage, wholesaling and related positions.

Requirements for Major

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.

Required courses

Course	Credit Hours
MKTG 113 - Marketing Research	3
MKTG 115 - Consumer Behavior	3
MKTG 118 - Marketing Management	3

PSY 001 - Introduction to Psychology (with lab)	4
Track courses	15
TOTAL	28

Tracks

Starred courses are required courses within the track. Other courses listed are electives within the track.

INTEGRATED MARKETING COMMUNICATIONS

* MKTG 102 - Professional Selling

* MKTG 106 - Integrated Marketing Communications

* MKTG 111 - Direct and Interactive Marketing

One of:

- JMC 123 – Public Relations Writing (prereq JMC 054)
- IS 145 - Website Programming
- ENG 094 - Business and Administrative Communication

One of:

- MKTG 104
- MKTG 109
- MKTG 130
- MKTG 170
- MKTG 180

DIRECT & INTERACTIVE MARKETING

* MKTG 106 - Integrated Marketing Communications

* MKTG 111 - Direct and Interactive Marketing

* IS 160 - Database Management

Two of:

- MKTG 102
- MKTG 104
- MKTG 109
- MKTG 130
- MKTG 170
- MKTG 180

MARKETING MANAGEMENT

- * MKTG 106 - Integrated Marketing Communications
- * MKTG 130 - Field Applications in Marketing Research
- * MKTG 170 - International Marketing
- * MKTG 180 - New Product Marketing

One of:

- MKTG 102
- MKTG 104
- MKTG 109
- MKTG 111

MARKETING RESEARCH

- * MKTG 130 - Field Applications in Marketing
- * MKTG 180 - New Product Marketing
- * IS 160 - Database Management

Two of:

- MKTG 102
- MKTG 104
- MKTG 106
- MKTG 109
- MKTG 111
- MKTG 170

SALES and SALES MANAGEMENT

- * MKTG 102 - Professional Selling
- * MKTG 104 - Sales Management

One of:

- IS 160 - Database Management
- MGMT 184 - Leadership and Personal Development

Two of:

- MKTG 106

- MKTG 109
- MKTG 111
- MKTG 130
- MKTG 170
- MKTG 180

Requirements for Minor

The minor in marketing is designed for students, outside the College of Business and Public Administration, 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	Credit Hours
ACCT 041 - Introduction to Financial Accounting	3
BUS 002 - The Business Profession II	.5
ECON 001 - Principles of Macroeconomics	3
ECON 002 - Principles of Microeconomics	3
MKTG 101 - Marketing Principles	3
MKTG 113 - Marketing Research	3
MKTG 115 - Consumer Behavior	3
MKTG 118 - Marketing Mangement	3
PSY 001 - Introduction to Psychology (with lab)	4
STAT 071 - Statistics I, or	3
PSY 011 - Introductory Statistics	3

Elective - *Select one from the following* 3

MKTG 102 - Professional Selling

MKTG 104 - Sales Management

MKTG 106 - Integrated Marketing Communications

MKTG 109 - Internet Marketing

MKTG 111 - Direct and Interactive Marketing

MKTG 130 - Field Applications in Marketing

MKTG 170 - Global Marketing

MKTG 180 - New Product Marketing

TOTAL 31.5

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

Available Options

- [Bachelor of Arts \(B.A.\)](#) with a major in Quantitative Economics
- [Bachelor of Science \(B.S.\)](#) with a major in Quantitative Economics
- [Bachelor of Science in Business and Administration \(B.S.B.A.\)](#) with a major in Quantitative Economics

[Economics department web site](#)

[Math and Computer Science department \(within the College of Arts and Sciences\) web site](#)

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 (MA or PhD programs) or business (PhD programs or quantitatively oriented MBA programs). The program also prepares students for research-oriented jobs in government, business or consulting.

Students who choose the B.A. degree may enroll in either the College of Business and Public Administration or the College of Arts and Sciences. Students who choose the B.S. degree should enroll in the College of Arts and Sciences. Students who choose the B.S.B.A. degree should enroll in the College of Business and Public Administration (CBPA).

Requirements for Major

The quantitative economics major requires 21 credits of mathematics, 6 credits of statistics, and 21 credits of economics. All students must complete the following, in addition to fulfilling the requirements of the Drake Curriculum.

Course	Credit Hours
Mathematics	
MATH 050 - Calculus I	4
MATH 070 - Calculus II	4
MATH 080 - Linear Algebra	3

MATH 100 - Calculus III	4
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Electives - *select two courses at the 100-level from the following:*

MATH 110 - Multivariate Calculus	3
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MATH 120 - Applied Differential Equations I	3
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MATH 125 - Mathematical Modeling	3
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MATH 127 - Introduction to Game Theory	3
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MATH 176 - Advanced Linear Algebra	3
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MATH 184 - Introduction to Real Analysis	3
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Courses in differential equations are especially recommended for students interested in an advanced degree in mathematical financial economics.

Statistics

ACTS 131 - Introduction to Probability I	3
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STAT 072 - Statistics II, or	3
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ACTS 141 - Statistical Modeling and Data Analysis I	3
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Economics

ECON 001 - Principles of Macroeconomics	3
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ECON 002 - Principles of Microeconomics	3
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ECON 107 - Introduction to Econometrics, or 3

ACTS 170 - Statistical Modeling and Data Analysis II 3

ECON 173 - Intermediate Microeconomics 3

ECON 174 - Intermediate Macroeconomics 3

Electives - *Select two courses in economics at the 100-level*

Capstone - *Choose one of the following, depending on the college and degree to be earned*

MATH 195 - Topics in Math - For students in College of Arts and Sciences 0-3

ECON 199 - Independent Study - For students in College of Business and Public Administration pursuing a B.A. degree 1-4

BUS 195 - Business Strategy and Policy - For students in College of Business and Public Administration pursuing a B.S.B.A. degree 3

Students earning the B.S.B.A. degree must also complete the required business core curriculum set by the College of Business and Public Administration. Students earning the B.S. degree in Quantitative Economics must complete special requirements set by the College of Arts and Sciences.

Insurance

Available Options

[Insurance concentration](#)

Program Overview

The insurance concentration is open to all undergraduate students. The concentration prepares students to enter careers in the insurance industry or risk management. Students with a concentration in insurance 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 Concentration

Students can earn the concentration by completing three courses with a GPA of 2.0 or above:

- INS 051 - Personal Risk Management
- INS 141 - Business Risk Management
- INS 161 - Insurance Company Operations

Law and Business

Available Options

[Law and Business Concentration](#)

Program Overview

The purpose of this program is to provide Drake students, regardless of their majors, with an opportunity to learn basic legal concepts across a wide range of legal topics relevant to their personal and professional lives. As future members of a community, students will enter into a variety of contractual relationships, business and otherwise. They will deal with typical legal issues related to ownership of property, employment issues, personal injury liability, negotiable instruments and bankruptcy. Likewise, they may encounter legal issues in the formation and operation of business structures such as sole proprietorships, partnerships, corporations and limited liability companies. This concentration is designed to inform students of their legal rights and responsibilities in these and many other situations. In addition, the concentration requires an ethical component because a legal system cannot survive unless it reflects the values of its society.

The concentration is particularly valuable for students considering graduate study in law school, for business majors who wish to expand their knowledge of the legal principles that govern the conduct of business, and for law, politics and society majors in the College of Arts and Sciences who wish to extend the legal aspects of their major.

Requirements for Concentration

- BLAW 060 - Business Law I
- BLAW 120 - Business Law II
- BLAW 180 - Legal Issues of Business Organizations
- BLAW 190 - Legal Topics of Current Interest
- ACCT 041 - Introduction to Financial Accounting or FIN 095 - Managing Personal Finances or a similar course that develops the business context of the concentration
- A course in ethics and ethical responsibilities

A GPA of 2.00 in the courses in the concentration is required to receive credit for the concentration.

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.

Graduation Requirements

Candidates qualifying for the degree of Bachelor of Science in Business Administration (B.S.B.A.) must complete 124 credit hours. At least 42 credit hours must be earned in courses numbered 100 or above. At least 50 percent of required business credit hours must be completed in residence at Drake.

Credit for remedial courses of subcollegiate 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 the Associate Dean for Academic Affairs.

Candidates qualifying for a Bachelor of Science in Business Administration must have a cumulative GPA of 2.00 (equivalent of "C") 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	3
BUS 070 - Globalization	3
BUS 073 - Business and Professional Communications	3
ECON 001 - Principles of Macroeconomics	3
ECON 002 - Principles of Microeconomics	3

IS 044 - IT Applications for Business	3
IS 194 - Electronic Commerce	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	3
STAT 072* - Statistics II	3
TOTAL	54

*Actuarial science majors take ACTS 131 — Introduction to Probability I and ACTS 141 — Statistical Modeling and Data Analysis I.

Non-Business Courses

The nonbusiness courses are required for the Bachelor of Science degree in Business Administration.

Course	Credit Hours
FYS 001-099 - First Year Seminar, or equivalent	3
MATH 028 - Business Calculus or MATH 050 - Calculus I	3-4
Total	6-7

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.

Faculty

Professors

Boal, William (1995) Professor of Economics. BA, Wesleyan University; PHD, Stanford University

Clapham, Stephen E (1990) Professor of Management and International Business. MBA, Indiana University - Bloomington; PHD, Indiana University - Bloomington

Cooper, Robert W (1988) Employers Mutual Distinguished Professor of Insurance. MA, University of Pennsylvania; PHD, University of Pennsylvania

Frank, Garry Lawrence (1983) Professor of Public Administration/Thomas F. Sheehan Distinguished Professor. MS, University Western Ontario; PHD, University Nebraska - Lincoln

Gardner, Lisa (2006) Professor of Statistics/Department Chair. MBA, Drake University; PHD, Georgia State University

Heaston, Patrick H (1983) Professor of Accounting/Aliber Distinguished Professor. MBA, Creighton University; PHD, University Nebraska - Lincoln

Houle, Philip A (1974) Professor of Information Systems. MS, University of Minnesota - Twin Cities; PHD, University of Minnesota - Twin Cities

Meyer, C Kenneth (1990) Professor of Public Administration/Thomas F. Sheehan Distinguished Professor. MPA, University of Oklahoma - Norman; PHD, University of Oklahoma - Norman

Miller, Chip E (2001) Professor of Marketing. MA, University of Kansas; PHD, University of Washington

Parsa, Rahul A (1990) Professor of Actuarial Science & Statistics/Principal Financial Group Distinguished Professor. MS, Osmania University; PHD, Texas A & M University

Scullen, Steven (2004) Professor of Management and International Business/Associate Dean of Academic Affairs. MS, Iowa State University; PHD, University of Iowa

Simpson, Lou Ann M (1973) Professor of Business Law/Department Chair. BSB, Drake University; JD, Drake University

Strader, Troy Jefferson (2003) Professor of Information Systems/Aliber Distinguished Professor. MS, Iowa State University; PHD, University of Illinois

Associate Professors

Adkins, Natalie (2009) Associate Professor of Marketing. BSB, West Virginia University; PHD, Virginia Polytechnic Institute & State University

Bishop, Debra S (1994) Associate Professor of Practice in Management and International Business/Director, John Pappajohn Center for Entrepreneurship Outreach and the William and Jean Buchanan Center for Entrepreneurial Leadership. MS, Iowa State University; PHD, Iowa State University

Chen, Yiqing (2014) Associate Professor of Actuarial Science. BE, Hefei University; MA Guangdong University of Technology; PHD, University of Hong Kong

Clayton, Suzanne (2005) Associate Professor of Practice in Information Systems. BS, Iowa State University; MBA, Drake University

Edrington, Mary (1986) Associate Professor of Practice in Marketing. BS, Iowa State University; MBA, University of Iowa

Fichtner, Jason Royce (2008) Associate Professor of Business Law. BA, University of Northern Iowa; JD, Drake University.

Gara, Stephen (2005) Associate Professor of Accounting/Director of School of Accounting. LL.M., Georgetown University; JD, Southern Methodist University; PH.D., University of Memphis.

Hewett, Roger (1981) Associate Professor of Economics. BA, Tufts University; PH.D., University of Illinois

Judd, Paul S (1990) Associate Professor of Practice in Statistics and Actuarial Science. BA, University of Dayton; MS, University of Iowa

Meyer, Bradley (1989) Associate Professor of Management and International Business/Department Chair. MS, Iowa State University; PH.D., Iowa State University

Njoroge, Joyce (2000) Associate Professor of Accounting. M.A.C., Washington State University; PH.D., Washington State University

Norman, Andrew (2003) Associate Professor of Marketing. MBA, Brigham Young University; PH.D., University of Arizona

Purvanova, Radostina Krassimirova (2008) Associate Professor of Management and International Business. MS, Emporia State University; PH.D., University of Minnesota-Twin Cities

Reed, Diana (1984) Associate Professor of Management and International Business. MS, University of Wisconsin - Platteville; PH.D., University of Wisconsin - Madison

Root, Thomas (1999) Associate Professor of Finance. MA, University of Kansas; PH.D., University of Kansas

Rozycki, John (1990) Associate Professor of Finance. MBA, University of Scranton; PH.D., Pennsylvania State University

Senteza, Jimmy D (2000) Associate Professor of Finance. MBA, Washington State University; PH.D., Washington State University

Suh, Inchul (2002) Associate Professor of Finance. MBA, Indiana University - Bloomington; PH.D., University of Colorado - Boulder

Weaver, Janice E (1983) Associate Professor of Economics. MA, University Illinois at Urbana-Champaign; PH.D., University Illinois at Urbana-Champaign

White, Toby (2008) Associate Professor of Finance/Actuarial Science. MS, University of Iowa; PH.D., University of Washington

Zagoren, Allen Jeffrey (2004) Associate Professor of Practice in Public Administration. MPA, Drake University; DO, Philadelphia College- Osteop M

Assistant Professors

Bartlett, Geoffrey David (2011) Assistant Professor of Accounting. MAC, Brigham Young University; PH.D., Arizona State University

Bryant, Andrew (2014) Assistant Professor of Marketing. BS, Actuarial Studies, Southern Adventist University, Collegedale, Tennessee; PHD, George Washington University, Washington, D.C.

Ellis, Kelley (2013) Assistant Professor of Practice in Accounting. BSBA, Creighton University; MBA, University of Iowa

Garza, John (2013) Robb B. Kelley Assistant Professor of Actuarial Science & Risk Management. BS, University of Texas at Austin; PHD, University of Texas at Austin

Kappen, Jeffrey A (2012) Assistant Professor of Management. BA, Beloit College; MBA, University of Wisconsin – Madison; PHD, University of Massachusetts – Amherst

Long, Richard Dale (2000) Assistant Professor of Practice in Finance. MA, University of Iowa

Mitchell, Matthew Coy (2010) Assistant Professor of International Business. MBA, Rollins College; PHD, University of South Carolina - Columbia

Rehman, Zia (2014) Assistant Professor of Actuarial Science. MA, University of Louisville; PHD, University of Central Florida

Severe, Sean Parker (2011) Assistant Professor of Economics. MS, University of Oregon; PHD, University of Oregon

Solsma, Lori (2013) Assistant Professor of Accounting. BS, University of South Dakota; MBA, University of South Dakota; PHD, University of Mississippi

Swartwood, Thomas Marshall (2008) Assistant Professor of Practice in Entrepreneurship/Assistant Director, William and Jean Buchanan Center for Entrepreneurial Leadership. MBA, Drake University; JD, Georgetown University

Vaughan, Amy Grace (2009) Assistant Professor of Statistics. MS, University of Georgia; PHD, University of Georgia

Zheng, Liping (2009) Assistant Professor of Economics. MA, University of New Hampshire; PHD, University of New Hampshire

Adjunct Professors

Cory, Julie (2009) Adjunct Instructor of Management. BA, Augustana College; MBA, Drake University

Drake, Adam (2013) Adjunct Instructor of Management. MBA, University of Iowa

Fleming, Joshua (2013) Adjunct Instructor of Marketing. BS, University of Missouri-Columbia

Hannum, David (2012) Adjunct Instructor of Management. MS, Chapman University

Johnson, Timothy (2006) Adjunct Instructor of Management and International Business. BA, Central College; MBA, Drake University

Kaduce, Adam (2012) Adjunct Instructor of Management. BSB, Drake University

Nowacki, Katherine (2013) Adjunct Instructor of Management. BS, Drake University

Stinard, Thomas (2013) Adjunct Instructor of Statistics. MS, Iowa State University; PHD, Iowa State University

Strong, Richard (2010) Adjunct Instructor of Public Administration. BA, North Dakota State University; MUP, McGill University; MDS, Harvard Grad School of Design

Watson, Susan Beth (2012) Robb B. Kelley Visiting Assistant Professor of Actuarial Science. BS, Drake University; MDIV, Bethel University

Yin, Anwen (2012) BA, Nanjing University of Finance and Economics; MA, University of Windsor

School of Education

Vision Statement

Faculty, staff and students of the School of Education model leadership in the core areas of academic reflection, collaborative learning and social justice. Leadership embodies the importance of creating and educating strong systemic leaders at every level in the academic setting.

- A belief in academic reflection assumes the importance of intellect, knowledge and reason. The School of Education is a place of inquiry and scholarship in the liberal and professional arts.
- A belief in collaborative learning assumes the importance of active participation and mutual responsibility among faculty, students and constituent communities. The School of Education fosters active learning and teaching.
- A belief in social justice assumes the importance of education as a major pathway toward the values of democracy and equity. The School of Education promotes lifelong learning as purposeful activity that advances global citizenship and a just society.

Mission Statement

The School of Education is a diverse community of collaborative learners dedicated to the preparation, licensure, advancement and continuing education of teachers, counselors, school administrators, human resource development professionals and other educational leaders of learning communities. Drake University has been a member of the American Association of Colleges for Teacher Education since the association's inception. The school is fully accredited by the Iowa Department of Education and the Higher Learning Commission of the North Central Association of Colleges and Schools for the preparation of elementary teachers, secondary teachers, school and vocational counselors and school administrators. For more information about the Drake University School of Education, see the [School of Education web site](#).

Areas of Study

Requirements

Graduation and Licensure

Faculty

Areas of Study

Majors

[Elementary Education \(K-8\)](#)

[Secondary Education \(5-12\)](#)

Elementary Education

Available Options

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

[B.S.E. web site \(School of Education\)](#)

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 (24 credits)
- In accordance with new requirements from the Iowa Department of Education, students beginning this program in or after Fall 2011 will be required to meet additional general education requirements listed below under [additional requirements](#).

Approved endorsement programs currently are available in

- Art
- Early childhood education
- Unified early childhood education (early childhood education with an emphasis in special education)
- English/language arts
- History
- Mathematics
- Reading
- Rhetoric and communication studies/theatre
- Science
- Special education
- Social studies
- STEM (K-8)
- World languages (Spanish, French, Japanese, and German).

Approved second endorsement areas are available in English as a Second Language (K-12), coaching (K-12), Gifted & Talented (K-12), middle school (5-8).

Specific requirements and program descriptions are available in the Teaching and Learning Department. Other endorsement programs may become available.

To earn endorsement by Drake University for licensure in an endorsement, students must earn at least a "C" in all of the courses below.

Course	Credit Hours
EDUC 001 - Introduction to Education (Optional)	1
EDUC 103 - Foundations of Education	3
EDUC 105 - Human Development (Elementary and Early Childhood)	3
SPED 120 - Introduction to Special Education	3
EDUC 107 - Learning and Assessment	3
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
EDUC 109 - Educational Technology	2
EDUC 122 - Curriculum and Pedagogy	3
EDUC 123 - Physical Education and Health in the Elementary School	2
EDUC 124 - Children's Literature	3
EDUC 125 - Methods of Teaching Elementary Science	3
EDUC 126 - Methods of Teaching Elementary Math	3
EDUC 137 - Literacy Methods for the Primary Grades (K-3)	3
EDUC 128 - Methods of Teaching Elementary Social Studies	3

EDUC 139 - Literacy Methods for Intermediate Grades	3
EDUC 165 - Instruction and Management Seminar	1
EDUC 166 - Student Teaching	11
EDUC 169 - Electronic Portfolio Seminar	1

Teacher Education Program

Students must meet the following criteria to enroll in professional courses for Elementary Education:

- A minimum cumulative grade point average of 2.5
- Acceptable Praxis Core Academic Skills for Educators scores
 - Reading - minimum 156
 - Writing - minimum 162
 - Math - minimum 150
- 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

Additional Requirements (State of Iowa, effective fall 2011):

Course	Credit Hours
1.	
MUS 015 - General Music in the Elementary School AND EDUC 083 - Art Methods, OR	6
EDUC 113 - Art Integration in Education	3
2. <i>Content Area Requirements</i>	
a. At least six hours in mathematics to include two of the following (higher-level courses may be substituted):	
MATH 020 - College Algebra	4
MATH 024 - Structure of Math for Elementary Education I	3

MATH 025 - Structure of Math for Elementary Education II 3

STAT 071 - Statistics I 3

b. At least nine additional hours in social studies to include

(i). two history courses from the following:

HIST 001 - Passages to 1750 3

HIST 002 - Passages Since 1750 3

HIST 075 - U.S. History to 1877 3

HIST 076 - U.S. History Since 1877 3

(ii). one additional behavior science course from the following:

PSY 001 - Introduction to Psychology (with lab) 4

SCSS 001 - Survey of Sociology 3

c. At least seven additional hours in science

(i). Physical science

ASTR 001 - Descriptive Astronomy 3

ENSP 022 - Meteorology: Science/Weather 4

ENSP 041 - Principles of Geology 4

PHSC 001 - Physical Science 3

(ii). Earth/space science

ASTR 001 - Descriptive Astronomy 3

ENSP 022 - Meteorology: Science/Weather 4

ENSP 035 - One Earth: Global Environmental Science 3

ENSP 036 - One Earth Lab 1

ENSP 041 - Principles of Geology 4

(iii). Life science

BIO 012 - General and Pre-professional Biology I 3

Specialization Options

Students have several options available for areas of specialization. A few of these options include the following:

- The School of Education supports an interdisciplinary concentration in Behavioral Analysis of Developmental Disabilities
- An interdisciplinary concentration in leadership education and development (LEAD) is open to students in any academic major. Visit the [Leadership Education and Development Concentration](#) website for more information.
- The School of Education offers an Urban Education concentration. Visit the [Social Justice in Urban Education \(SJUE\)](#) website for details.

Endorsement Options

An endorsement is a licensed area of specialization. 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.

Endorsements (K-12)

- Art
- Coaching
- ESL
- Music
- Talented and Gifted

Endorsements (K-8)

- Early Childhood
- Elementary Reading
- English/Language Arts
- French
- German
- History
- Mathematics
- Science
- Social Studies
- Spanish
- Special Education
- Speech Communication/Theater
- STEM
- Theater and Communication Studies

Endorsements (5-8)

- Middle School

Whether you aspire to run a company, lead teams or excel in your chosen field, Drake's hands-on undergraduate concentration in leadership will bring you the skills you need to succeed. The undergraduate, interdisciplinary concentration in leadership education and development (LEAD) is open to students in any academic major.

The LEAD Concentration will elevate your ability to make significant contributions in whatever career path you choose. Through the program you will learn to challenge yourself and others to develop a shared vision; influence individuals or groups toward the ethical achievement of common goals; improve your ability to manage change; deal with conflict toward a positive end; and gain essential skills that are key to elevating yourself in your profession and community.

The LEAD Concentration includes 20 credit hours of traditional and experiential courses that combine instruction and skill development. The capstone experience, LEAD 190, is an immersion experience that places you in a new organization, community or association locally or internationally where you will add value by influencing individuals or groups toward common, attainable goals.

You will also be paired with a mentor, selected based on your career aspirations and skill needs, who will work alongside you to help you translate classroom and experiential learning to the real-world work of leadership. Experiential opportunities are customized and varied. These include projects on campus and in the community as well as projects around the world with non-governmental organizations, orphanages, schools, and other entities.

Careers and Internships

Experiential opportunities as part of LEAD are not intended to replace traditional internships, but to serve as an additional enhancement to them. Careers and internship possibilities are as varied as the students who take the concentration.

Course Requirements

The Concentration in Leadership Education and Development (LEAD) is a 20 credit-hour concentration open to all students from any academic major.

LEAD Concentration Curriculum

- LEAD 001: Foundations of Leadership
- LEAD 050: Leadership: Theory to Practices
- LEAD 060: Leadership Experience (Prerequisite or taken concurrently with LEAD 050)
- LEAD 100: Leadership: Influence and Change (Prerequisite: LEAD 50)
- LEAD 190: Capstone Practicum with Reflection (Prerequisite: LEAD 100)
- Engaged Citizen (Area of Inquiry)
- Ethics or Global elective
- Leadership elective
- LEAD 199 Special Topics 1-3

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

- Any student may enroll in the one credit hour leadership foundations course (LEAD 001) and the three-credit-hour class LEAD 50 to be introduced to the requirements and expectations of the concentration and as a means of testing his/her interest in enrolling in the LEAD concentration.
- Admission to LEAD will follow the requirements of each college. A student may be admitted into the concentration by completing the existing major/minor/concentration form used for academic programs.
- A student admitted into LEAD will be assigned a leadership mentor to supervise the reflective and experiential aspects of the concentration. Appropriate mentors include members of the Steering Committee or other individuals identified by the student petitioner (approved by the LEAD chair) or college and can include academic, athletic, or co-curricular faculty and staff as well as members of the Des Moines community. Graduate students may also serve as mentors with approval of the chair.

- A student will be admitted into the program 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 concentration until they are in good academic standing.
- A student may be admitted into the LEAD concentration when s/he has completed at least 15 credit hours toward a University degree with at least 12 credit hours earned at Drake (i.e., students are admitted when they attain the credit status of at least a sophomore). For planning purposes, it is advised that students be admitted to the concentration prior to the start of their junior year.
- A student must declare the concentration prior to the first semester of his/her senior year.

For More Information

To discuss your possible interest in adding this concentration please contact Professor Tom Westbrook at thomas.westbrook@drake.edu or phone 515-271-3078.

Secondary Education

Available Options

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

[B.S.E. web site \(School of Education\)](#)

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)

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

- All science (9-12)
- All social studies
- All language arts
- All business
- American history
- American history/American government
- American government
- Art
- Biology
- Chemistry
- Earth science
- Basic science
- English/ language arts
- English/rhetoric/theater (English or speech/theater emphasis)
- Journalism
- Mathematics
- Physics
- Sociology
- World history and world languages (French, German, Japanese, or Spanish)
- Special Education Strategist I

Approved second endorsement areas are available in the following areas:

- English as a second language (K-12)
- Economics (5-12)
- Coaching (K-12)
- Gifted & Talented (K-12)
- Middle school (5-8)
- Reading (5-12)
- STEM (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 below.

Course	Credit Hours
EDUC 001 - Introduction to Education (Optional)	1
EDUC 103 - Foundations of Education	3
EDUC 106 - Human Development	3
SPED 120 - Introduction to Special Education	3
EDUC 107 - Learning and Assessment	3
EDUC 164 - Perspectives on Race, Ethnicity, and Gender	3
EDUC 109 - Educational Technology	2
EDUC 132 - Methods of Teaching in the Secondary School	3
EDUC/MATH/STEM - Special Methods in Subject Area	
EDUC 083 - Art Methods	3
EDUC 133 - Secondary Business Methods	2

EDUC 136 - Secondary Science Methods	3
EDUC 138 - Secondary Social Studies	2
EDUC 141 - Secondary Language Arts	2
EDUC 142 - Secondary Reading and Interdisciplinary Curriculum	3
EDUC 146 - World Language Methods	3
EDUC 150 - Secondary Reading Methods	3
MATH 145 - Secondary Math Methods	3
STEM 174 - Inquiry-Based Science and Safety	3

Endorsement Area Requirements

EDUC 167 - Instruction and Management Seminar	1
EDUC 168 - Student Teaching	11
EDUC 169 - Electronic Portfolio Seminar	1

Additional Requirements

At least one course in MATH or STAT

All InTASC Standards met at the PROFICIENT level

Teacher Education Program

Students must meet the following criteria to enroll in professional courses for Elementary Education:

- A minimum cumulative grade point average of 2.5

- Acceptable Praxis Core Academic Skills for Educators scores
 - Reading - minimum 156
 - Writing - minimum 162
 - Math - minimum 150
- All InTASC Standards in EDUC 103, EDUC 106, 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

Specialization Options

Students have several options available for areas of specialization. A few of these options include the following:

- The School of Education supports an interdisciplinary concentration in Behavioral Analysis of Developmental Disabilities
- An interdisciplinary concentration in leadership education and development (LEAD) is open to students in any academic major. Visit the [Leadership Education and Development Concentration](#) website for more information.
- The School of Education offers an Urban Education concentration. Visit the [Social Justice in Urban Education \(SJUE\)](#) website for details.

Endorsement Options

An endorsement is a licensed area of specialization. There are many endorsements available at the secondary 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.

Endorsements (K-12)

- Art
- Coaching
- ESL
- Music
- Talented and Gifted

Endorsements (5-12)

- All Sciences
- All Social Studies
- American Government
- American History
- Biology
- Business
- Chemistry
- Earth Science
- Economics
- English/Language Arts
- English/Rhetoric/Theater
- French
- General Science
- German
- Japanese
- Journalism
- Mathematics
- Physical Science
- Physics
- Reading

- Spanish
- Special Education
- Speech Communication/Theater
- STEM
- Theater/Rhetoric/English
- World History

Endorsements (5-8)

- Middle School

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). Elementary education students must complete a teaching concentration area or field of a minimum of 24 credits; secondary education students must complete a teaching field of at least 30 credits. A second teaching field or a second endorsement area is also recommended.
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.

Faculty

Professors

BEISSER, SALLY R. (1999), Professor of Education. B.S., M.S., Ph.D., Iowa State University.

GILLESPIE, CATHERINE W. (1996), Mary Baker Collier Endowed Chair, Professor of Education, and Associate Dean of the School of Education. B.A., Wellesley College; M.Ed., Lesley College; Ph.D., University of Tennessee.

MERIDETH, EUNICE M. (1989), Levitt Distinguished Professor and Professor of Education. B.A., Iowa State University; M.A., Loras College; M. A., Ph.D., Iowa State University.

STENSRUD, ROBERT H. (1986), Professor of Education. B.A., Wartburg College; M.A., Ed.S., University of Northern Iowa; Ed.D., Drake University.

WESTBROOK, THOMAS S. (1989), Professor of Education. B.S., Tusculum College; M.S.E., Southern Illinois University; Ph.D., University of Iowa.

Associate Professors

COOPER, ROBYN M. (2010), Associate Professor of Education and Director of Doctoral Program. B.S., M.Ed., University of Nevada-Las Vegas; Ph.D. Iowa State University.

COUVILLON, MICHAEL A. (2006), Associate Professor of Education. B.A., University of Nebraska-Kearney; M.E., Ph.D., University of North Texas.

ERGUNER-TEKINALP, BENGU (2007), Associate Professor of Education. B.S., M.S., Middle East Technical University-Turkey; Ph.D., Auburn University.

FAIRBAIRN, MICHELE B. (2007), Associate Professor of Education. B.M.E., M.A., Oral Roberts University; Ph.D., University of Iowa.

JOHNSON, JILL CATON (2003), Associate Professor of Education. B.A., M.A., University of Iowa; Ph.D., University of Minnesota.

LEUWERKE, WADE C. (2004), Associate Professor of Education. B.A., Gustavus Adolphus College; M.A., Ph.D., Southern Illinois University at Carbondale.

MCMAHILL, JANET M. (1987), Associate Professor of Education and Dean of the School of Education. B.F.A., M.S.E., Drake University; Ph.D., Iowa State University.

SMALL, MARY D. GAY (2005), Associate Professor of Education. B.S., Creighton University; M.S., University of Nebraska-Omaha; Ph.D., University of Minnesota-Minneapolis.

Assistant Professors

BESCHORNER, ELIZABETH ANN (2012), Assistant Professor of Literacy Education. B.S., Minnesota State University-Mankato; M.A., Southwest Minnesota State University; Ph.D., Iowa State University.

BRUINEKOOL, ROBERT M. (1993), Assistant Professor and Director of the National Rehabilitation Institute. B.S., University of Iowa; M.S.E., Ed.D., Drake University.

BUCKMILLER, THOMAS M. (2009), Assistant Professor of Education. B.A., Mount Marty College; M.Ed., Iowa State University; Ph.D., The Pennsylvania State University.

GRUNDMEYER, TRENTON A. (2013), Assistant Professor of Education. B.A., Buena Vista University; M.S.E., Drake University; Ph.D., Iowa State University.

HAYDEN, MATTHEW J. (2012), Assistant Professor of Education. B.A., M.A., University of St. Thomas; M.A., M. Phil., Ph.D., Teachers College-Columbia University.

HODGKINSON, TODD M. (2011), Assistant Professor of Education. B.A., University of Iowa; M.A., University of Northern Colorado; Ph.D., University of Iowa.

KIERAN, LAURA J. (2014), Assistant Professor of Special Education. B.S., State University of New York, College at Oswego; M.E.D., Lesley University; Ph.D., Walden University.

KROGULSKI, MICHELLE L. (2011), Assistant Professor of Education and Director of Student Teaching. B.S., Iowa State University; M.A., Viterbo University.

KRUSE, JERRID W. (2010), Assistant Professor of Education. B.A., Augustana College; M.A.T., Iowa State University; Ph.D., Iowa State University.

LAM, KEVIN D. (2012), Assistant Professor of Education. B.A., University of California-Los Angeles; M.A., California State University-Los Angeles; Ph.D., University of Illinois-Champaign-Urbana.

LAND, TONIA J. (2012), Assistant Professor of Education. B.S., M.S., Ph.D., Iowa State University.

PETERS, RANDAL E. (2011), Assistant Professor of Education. B.S.E., Grand Canyon University; M.S., Indiana University; M.S.E., Ed.D., Drake University.

WILDERMUTH, CRISTINA (2010), Assistant Professor of Education. B.A., Pontificia Universidade Catolica (Brazil); M.E., Bowling Green State University; M.A., The Ohio State University; Ed.D., Bowling Green State University.

Emeriti Professors

ADAMS, DONALD V., Professor Emeritus of Education.

BRAGG, DESMOND, Professor Emeritus of Education.

DYER, PRUDENCE, Professor Emerita of Education.

FEJES, KATHY E., Professor Emerita of Education.

FELLERS, MARVIN, Associate Dean and Professor Emeritus of Education.

FISHER, JOSEPH A., Professor Emeritus of Education.

GERLOVICH, JACK A., Ellis and Nelle Levitt Distinguished Professor Emeritus of Education.

GREENWOOD, CHARLES S., Professor Emeritus of Education.

HAKANSON, EDWARD, Professor Emeritus of Education.

HEILMAN, CHARLES L., Professor Emeritus of Education.

JONES, JACK R., Professor Emeritus of Education.

JOSLIN, PAUL H., Professor Emeritus of Education.

KUKOWSKI, BEVERLY J., Associate Professor Emerita of Education.

LAIR, GEORGE, Dean and Professor Emeritus of Education.

MOON, DONALD, Associate Professor Emeritus of Education.

PANYAN, MARION V., Professor Emerita of Education.

ROMIG, JAMES L., Dean, Iola E. Allbee Distinguished Professor Emeritus of Human Development and Learning, and Professor Emeritus of Education.

ROWLEY, CHARLES D., Professor Emeritus of Education.

TIEDEMAN, STUART, Professor Emeritus of Education.

WILLIAMS, HILDA LEE, Professor Emerita of Education.

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.

Our students will:

1. Understand and apply First Amendment principles and laws of freedom of speech and press, including the right to dissent, to monitor and criticize power, and to assemble and petition for redress of grievances.
2. Demonstrate an understanding of the history and role of professionals and institutions in shaping communications.
3. Demonstrate an understanding of the diversity of groups in a global society in relationship to communications.
4. Understand concepts and apply theories in the use and presentation of images and information.
5. Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity.
6. Conduct research and evaluate information by methods appropriate to the communications professions in which they work.
7. Think critically, creatively and independently.
8. Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve.
9. Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
10. Apply basic numerical and statistical concepts.
11. Apply tools and technologies appropriate for the communications professions in which they work.
12. Take ownership of their own academic experience.
13. Be engaged with the community: the University, the local community and professional groups.
14. 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. 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

Regulations

Graduation Requirements

Faculty

Areas of Study

Majors

[Advertising](#)

[Broadcast News](#)

[Magazines](#)

[News-Internet](#)

[Public Relations](#)

[Radio-Television Producing](#)

Minor

[Advertising](#)

Specialty Area

[Journalism Major / Law Degree 3+3](#)

Advertising

Degree Options

- [Bachelor of Arts in Journalism and Mass Communication \(B.A.J.M.C.\) with a major in Advertising](#)
- [Advertising minor](#)

[Advertising web page](#)

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 as advertising copywriter, account executive, researcher, digital producer, media planner, or social media strategist. Professionals in the advertising field have many options available, working for an advertising agency or a brand team, for corporations, nonprofits, media or trade organizations.

Advertising enrolls about 85 students.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 114 accredited programs nationwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2011.

Students should work with their advisers to assure selection of courses best suited to their educational and career objectives. Please see [Graduation Requirements](#) and [Regulations](#) sections of the catalog for additional information.

Degree Requirements

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 80 credit hours outside of the SJMC course list; 48 of those hours must be Arts and Science credits.
- 40 upper level credits.
- Declare an Area of Concentration with SJMC adviser.
- Maintain a 2.0 grade point average during the first 30 hours.
- Maintain a 2.25 grade point average at Drake after the 30th hour.

Students should work with their advisers to assure selection of courses best suited to their educational and career objectives. Please see [Graduation Requirements](#) and [Regulations](#) sections of the catalog for additional information.

Major Requirements

38 SJMC credits and 16 non-SJMC courses are required to complete the advertising major.

Required course list and the suggested progression of classes:

Course	Credit Hours
First-Sophomore Years	
JMC 030 - Communications in Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-professional Workshop	1
JMC 054 - Reporting and Writing Principles	3
JMC 057 - Video Production	3
JMC 059 - Intro to Visual Communication	3
JMC 066 - Media Responsibility Over Time	3
JMC 076 - Advertising Principles	3
JMC 113 - Concepts in Consumer Awareness	3
JMC 124 - Copywriting and Content Design	3
ECON 002 - Principles of Microeconomics	3
MKTG 101 - Marketing Principles	3
POLS 001 - American Political Systems	3
PSY 001 - Introduction to Psychology (with lab)	4

SCSS xxx - (one three-credit course in Sociology)	3
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Junior-Senior Years

JMC 104 - Communications Law and Ethics	3
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JMC 145 - Advertising Campaign Strategies	3
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Select two courses from the following:

JMC 117 - Strategic Media Planning	3
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JMC 139 - Advertising Account Planning	3
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JMC 141 - Strategic Message Design	3
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Advertising Minor

Overview of Minor

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. The minor is made up of 27 hours of SJMC coursework and one non-SJMC course.

Requirements for Minor

Course	Credit Hours
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Required courses

JMC 054 - Reporting and Writing Principles	3
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JMC 059 - Introduction to Visual Communication 3

JMC 076 - Advertising Principles 3

JMC 113 - Concepts in Consumer Awareness 3

JMC 124 - Copywriting and Content Design 3

JMC 145 - Advertising Campaigns 1-3

PSY 001 - Introduction to Psychology (with lab) 4

Select one from the following

JMC 117 - Strategic Media Planning 3

JMC 139 - Advertising Account Planning 3

JMC 141 - Strategic Message Design 3

Broadcast News

Degree Options

[Bachelor of Arts in Journalism and Mass Communication \(B.A.J.M.C.\) with a major in Broadcast News](#)

[Electronic Media web page](#)

Overview

Electronic media students select one of two tracks: broadcast news or radio-television producing. Coursework during the first two years is similar. Specialization occurs during the last two years.

All electronic media students learn techniques and disciplines of pre-production, studio and field production, and post-production, especially digital audio and video editing.

Broadcast news enrolls about 45 students with 10 to 12 students in each upper-level course.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 114 accredited programs nationwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2011.

Degree Requirements

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 80 credit hours outside of the SJMC course list; 48 of those hours must be Arts and Science credits.
- 40 upper level credits.
- Declare an Area of Concentration with SJMC adviser.
- Maintain a 2.0 grade point average during the first 30 hours.
- Maintain a 2.25 grade point average at Drake after the 30th hour.

Students should work with their advisers to assure selection of courses best suited to their educational and career objectives. Please see [Graduation Requirements](#) and [Regulations](#) sections of the catalog for additional information.

Major Requirements

38 SJMC credits with six SJMC elective hours (optional) and 3 non-journalism courses are required to complete the broadcast news major.

Course	Credit Hours
---------------	---------------------

First-Sophomore Years

JMC 030 - Communications in Society 3

JMC 031 - Multimedia Lab 1

JMC 040 - Pre-professional Workshop 1

JMC 054 - Reporting and Writing Principles 3

JMC 057 - Video Production 3

JMC 066 - Media Responsibility Over Time 3

JMC 067 - Digital Audio Writing & Production 3

POLS 001 - American Political Systems 3

Junior-Senior Years

JMC 073 - Radio News Reporting and Editing 3

JMC 098 - Advanced Reporting for Print & Online 3

JMC 100 - Television Field Photography 3

JMC 104 - Communications Law and Ethics 3

JMC 173 - Broadcasting Public Affairs 3

JMC 193 - Broadcast News Practicum 3

HIST 076 - American History 1877-Present 3

SCSS xxx - (one three-credit course in Sociology) 3

Magazines

Degree Options

[Bachelor of Arts in Journalism and Mass Communication \(B.A.J.M.C.\) with a major in Magazines](#)

[Magazines web page](#)

Overview

The magazine major prepares students to be magazine writers, editors and creative directors for print and online publications. As part of their coursework, students:

- Write magazine articles for consumer, trade and organization magazines.
- Work as staff members for the nationally award-winning Think magazine, Urban Plains digital magazine, and other titles and websites published through the E.T. Meredith Center for Magazine Studies.
- Produce a business plan and design for a magazine prototype of their own.

Unique to Drake: Drake is one of the few private, liberal arts colleges to provide a full four-year sequence for magazines. Many magazine majors also work outside of classes on the nationally award-winning Drake Magazine.

The Magazine major enrolls about 78 students. Class sizes are around 18 students.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 114 accredited programs nationwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2011.

Degree Requirements

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 80 credit hours outside of the SJMC course list; 48 of those hours must be Arts and Science credits.
- 40 upper level credits.
- Declare an Area of Concentration with SJMC adviser.
- Maintain a 2.0 grade point average during the first 30 hours.
- Maintain a 2.25 grade point average at Drake after the 30th hour.

Students should work with their advisers to assure selection of courses best suited to their educational and career objectives. Please see [Graduation Requirements](#) and [Regulations](#) sections of the catalog for additional information.

Major Requirements

32 SJMC credits with 12 SJMC elective hours (optional) are required to complete the magazine major.

Required course list and the suggested progression of classes:

Course	Credit Hours
First-Sophomore Years	
JMC 030 - Communications in Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-professional Workshop	1
JMC 054 - Reporting and Writing Principles	3
JMC 059 - Intro to Visual Communication	3
JMC 066 - Media Responsibility Over Time	3
POLS 001 - American Political Systems	3
SCSS xxx - (one three-credit course in Sociology)	3
Junior-Senior Years	
JMC 070 - Print Media Editing	3
JMC 091 - Magazine Staff Writing	3
JMC 104 - Communications Law and Ethics	3
JMC 119 - Magazine Publishing	3
JMC 120 - Magazine Freelance Writing	3

News-Internet

Degree Options

[Bachelor of Arts in Journalism and Mass Communication \(B.A.J.M.C.\) with a major in News-Internet](#)

[News-Internet web page](#)

Overview

As news-Internet majors, students gain knowledge and multimedia skills needed for careers in reporting, editing, management or publishing, in print and online.

Graduates work on publication staffs, in the news and production departments of other news media and agencies, in public information positions and in website editing positions.

Approximately 20 students are enrolled in the major. Average class size is 12 students.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 114 accredited programs nationwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2011.

Degree Requirements

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 80 credit hours outside of the SJMC course list; 48 of those hours must be Arts and Science credits.
- 40 upper level credits.
- Declare an Area of Concentration with SJMC adviser.
- Maintain a 2.0 grade point average during the first 30 hours.
- Maintain a 2.25 grade point average at Drake after the 30th hour.

Students should work with their advisers to assure selection of courses best suited to their educational and career objectives. Please see Graduation Requirements and Regulations sections of the catalog for additional information.

Major Requirements

35 SJMC credits with 9 SJMC elective hours (optional) and one non-journalism course are required to complete the news-Internet major.

Required course list and the suggested progression of classes:

Course	Credit Hours
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First-Sophomore Years

JMC 030 - Communications in Society	3
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JMC 031 - Multimedia Lab	1
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JMC 040 - Pre-professional Workshop	1
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JMC 054 - Reporting and Writing Principles	3
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JMC 059 - Intro to Visual Communication	3
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JMC 066 - Media Responsibility Over Time	3
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HIST 076 - American History 1877-Present	3
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POLS 001 - American Political Systems	3
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SCSS xxx - (one three-credit course in Sociology)	3
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Junior-Senior Years

JMC 070 - Print Media Editing	3
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JMC 098 - Advanced Reporting for Print & Online	3
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JMC 102 - Multimedia Journalism	3
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JMC 103 - Public Affairs Journalism Online	3
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JMC 104 - Communications Law and Ethics	3
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JMC 105 - Web Page Design

3

JMC 171 - News Magazine Production

3

Public Relations

Degree Options

[Bachelor of Arts in Journalism and Mass Communication \(B.A.J.M.C.\) with a major in Public Relations](#)

[Public Relations web site](#)

Overview

Public relations professionals work to establish and maintain mutually beneficial relationships between an organization/client and its constituents. They work in a variety of settings: corporate, small business, government, and political campaigns, nonprofit organizations, agencies and PR counseling firms. Drake PR students exercise the research, planning and communication skills they are developing as they work with “real world” clients in each of their PR classes.

The Public Relations major enrolls about 125 students. Average class size is 20 students.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 114 accredited programs nationwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake’s program has been continuously accredited, most recently in 2011.

Degree Requirements

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 80 credit hours outside of the SJMC course list; 48 of those hours must be Arts and Science credits.
- 40 upper level credits.
- Declare an Area of Concentration with SJMC adviser.
- Maintain a 2.0 grade point average during the first 30 hours.
- Maintain a 2.25 grade point average at Drake after the 30th hour.

Students should work with their advisers to assure selection of courses best suited to their educational and career objectives. Please see [Graduation Requirements](#) and [Regulations](#) sections of the catalog for additional information.

Major Requirements

35 SJMC credits with 9 SJMC elective hours (optional) and four non-SJMC courses are required to complete the public relations major.

Required course list and the suggested progression of classes:

Course	Credit Hours
---------------	---------------------

First-Sophomore Years

JMC 030 - Communications in Society 3

JMC 031 - Multimedia Lab 1

JMC 040 - Pre-professional Workshop 1

JMC 054 - Reporting and Writing Principles 3

JMC 059 - Intro to Visual Communication 3

JMC 085 - Public Relations Principles 3

JMC 123 - Public Relations Writing 3

ECON 002 - Principles of Microeconomics 3

POLS 001 - American Political Systems 3

SCSS xxx - (one three-credit course in Sociology) 3

Junior-Senior Years

JMC 066 - Media Responsibility Over Time 3

JMC 104 - Communications Law and Ethics 3

JMC 143 - PR Planning and Management 3

JMC 144 - Case Study Analysis 3

JMC 136 - Public Relations Research	3
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MKTG 101 - Marketing Principles	3
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MGMT 110 - Management Processes and Behavior	3
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Radio-Television Producing

Degree Options

[Bachelor of Arts in Journalism and Mass Communication \(B.A.J.M.C.\) with a major in Radio-Television Producing](#)

[Electronic Media web page](#)

Overview

Electronic media students select one of two tracks: broadcast news or radio-television producing. Coursework during the first two years is similar. Specialization occurs during the last two years.

All electronic media students learn techniques and disciplines of pre-production, studio and field production, and post-production, especially digital audio and video editing.

Students who study radio-television producing prepare for a broad spectrum of opportunities in traditional broadcasting, corporate video and cable television, and multimedia. The Drake program places a special emphasis on sports production.

The major averages 35 students with 12 to 15 students in each upper-level class.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 114 accredited programs nationwide. To earn accreditation, schools meet 9 standards, which address such issues as class size, diversity, student services and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2011.

Degree Requirements

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 80 credit hours outside of the SJMC course list; 48 of those hours must be Arts and Science credits.
- 40 upper level credits.
- Declare an Area of Concentration with SJMC adviser.
- Maintain a 2.0 grade point average during the first 30 hours.
- Maintain a 2.25 grade point average at Drake after the 30th hour.

Students should work with their advisers to assure selection of courses best suited to their educational and career objectives. Please see [Graduation Requirements](#) and [Regulations](#) sections of the catalog for additional information.

Major Requirements

35 JMC credits with 9 SJMC elective hours (optional) are required for the radio television production major.

Required course list and the suggested progression of classes:

Course	Credit Hours
---------------	---------------------

First-Sophomore Years

JMC 030 - Communications in Society	3
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JMC 031 - Multimedia Lab	1
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JMC 040 - Pre-professional Workshop	1
-------------------------------------	---

JMC 054 - Reporting and Writing Principles	3
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JMC 057 - Video Production	3
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POLS 001 - American Political Systems	3
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SCSS xxx - (one three-credit course in Sociology)	3
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Junior-Senior Years

JMC 067 - Digital Audio Writing & Production	3
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JMC 100 - Television Field Photography	3
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JMC 104 - Communications Law and Ethics	3
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JMC 105 - Web Page Design	3
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JMC 114 - Production Sports TV	3
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JMC 194 - Radio Television Practicum	3
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Journalism Major / Law Degree 3+3

Program Overview

The journalism/law 3+3 program allows students to complete virtually all journalism and mass communication (SJMC) requirements in the first three years, including requirements for a specific undergraduate SJMC major. If admitted to the Drake University Law School, the student then counts Law School courses taken in the fourth year as the area of concentration required of all journalism majors. The fourth year also constitutes the student's first year in Drake Law School.

Admission to the 3+3 program is by application to the director of the School of Journalism and Mass Communication. Because of the rigorous nature of the program and the tight scheduling involved, admission is limited to exceptional and highly motivated students, based on high school GPA, test scores and an application letter. Students may apply to the program during their first semester on campus.

Faculty

SJMC faculty are experienced professionals and leading academicians. The Drake Law School faculty includes experts in several fields of law, distinguished scholars and outstanding teachers.

Academic Preparation

No specific courses are required for admission. Students are encouraged to take writing and college preparatory courses while in high school.

Required Credit Hours and Courses for a Major

Thirty-two to 38 credits must be completed in an SJMC major (advertising, public relations, news-Internet, magazines, radio-TV producing or broadcast news). All SJMC students complete the following required classes:

Course	Credit Hours
JMC 030 - Communications in Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-professional Workshop	1
JMC 054 - Reporting and Writing Principles	3
JMC 066 - Media Responsibility	3

Required Credit Hours and Courses Outside Major

The Drake Curriculum, required of all undergraduates, is designed to help students meet personal and professional goals as they acquire fundamental knowledge and abilities in Areas of Inquiry, including communication, critical thinking, artistic experience, historical consciousness, information literacy, global and cultural understanding, scientific and quantitative literacy, values and ethics and engaged citizenship. Students work closely with their academic advisers to craft a program of study in general education that prepares students for civic and professional leadership.

The Drake Curriculum also requires first-year seminars, which foster development of critical thinking and written and oral communication skills through a topical focus; and a Senior Capstone, in which students demonstrate the capacity to bring information, skills and ideas to bear on one project.

The Honors Program is an alternative designed for motivated students who want to participate in challenging, discussion-based courses on interdisciplinary issues.

Graduate Program Requirements

Students who have met all requirements specified above, and who gain admission to the Law School, may start law school during their fourth year of enrollment. The SJMC will accept 21 to 24 hours of Law School credits as counting toward the 124 required for graduation and as satisfying area of concentration requirements. Law hours will not count toward the SJMC's requirement for Arts and Sciences courses. Law courses will count toward the required hours outside of journalism. Once a student has successfully completed law school courses necessary to fulfill the required 124 hours of coursework 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.

Special Opportunities/Internships

A number of organizations, including the Reporters Committee for Freedom of the Press and the Society of Professional Journalists, offer nationally competitive internships in areas of media law, press freedom and freedom of information for which 3+3 students would be well prepared. The university is the home of the new Harkin Institute and will archive the papers of Iowa Sen. Tom Harkin. SJMC students also frequently have internships in the governor's office, in the Legislature and with state and local government agencies. Every four years the Iowa Caucuses provide students the opportunity to work with national political candidates and parties and with national and international media.

Career Options

Graduates are prepared to work professionally in the communications and/or law fields.

Organizations

Undergraduates have the opportunity to work with award-winning campus media, including The Times-Delphic, Drake's student-run campus newspaper; Drake Broadcasting System, and Drake Magazine. There are also campus chapters of Ad Club, Society of Professional Journalists and Public Relations Student Society of America. SJMC students also frequently have leadership roles in university organizations such as Student Senate and Residence Hall Association.

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. degree in Journalism and Mass Communication 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.
- Student transferring into SJMC from another college at Drake must have a CUM of 2.25 to be allowed into the SJMC.

After 30 credits are met:

- Students who do not achieve the 2.25 GPA in both CUM and JMC will be placed on probationary continuance in SJMC.
- If the student raises the GPAs above 2.25 the probation is lifted.
- If the student does not raise both GPAs above 2.25 the subsequent semester after probationary continuance the student may not continue in SJMC or re-enroll in the future.

Students must complete 15 to 18 credit hours per semester to graduate in four years. An academic load over 18 credit hours in a semester requires a 3.00 cumulative GPA, or a 2.75 average and permission of the faculty Academic Adjustment Committee. Students employed full-time or part-time should consider carrying lighter class loads.

At least 40 of the 124 credit hours required for graduation must be in courses numbered 100 or above. The last 30 hours of a student's program must be taken at Drake University. Twelve hours of credit may be earned on a credit-no credit (no letter grade) basis in courses that are not part of the basic requirements or part of the major and related courses, including courses in the area of concentration. (See the Credit-No Credit program in the Academic Regulations section of the Drake University undergraduate catalog.)

- 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.”

Graduation Requirements

All SJMC Majors

Required Credit Hours and Courses

All students working for a bachelor's degree at Drake must complete the Drake Curriculum Areas of Inquiry or Honors curriculum. A minimum of 124 total credits are required to graduate.

In addition, for all SJMC majors:

Degree Requirements:

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 80 credit hours outside of the SJMC course list; 48 of those hours must be Arts and Science credits.
- 40 upper level credits.
- Declare an Area of Concentration with SJMC adviser.
- Maintain a 2.0 grade point average during the first 30 hours.
- Maintain a 2.25 grade point average at Drake after the 30th hour.

Students should work with their advisers to assure selection of courses best suited to their educational and career objectives. Please see Graduation Requirements and Regulations sections of the catalog for additional information.

All SJMC majors must successfully complete:

Course	Credit Hours
<i>Core SJMC coursework</i>	14
JMC 030 - Communications in Society	3
JMC 031 - Multimedia Lab	1
JMC 040 - Pre-professional Workshop	1
JMC 054 - Reporting and Writing Principles	3
JMC 066 - Media Responsibility Over Time	3

JMC 104 - Communications Law and Ethics	3
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Arts and Sciences coursework must include

POLS 001 - American Political Systems	3
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SCSS xxx - One 3-credit course in Sociology	3
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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 30 (Communications in Society), JMC 31 Multimedia Lab and a First Year Seminar. Other classes aimed at satisfying general education requirements should be taken for a total of 15 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.

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.

Faculty

Administration

RICHARDSON, KATHLEEN (2001), Director and Professor of Journalism and Mass Communication (Media Law). B.A., M.A., J.D., Drake University.

WRIGHT, DAVID A. (1990), Associate Dean and Associate Professor of Journalism and Mass Communication (Electronic Media). B.A., Trinity University; M.A., Drake University.

Professors

EVANS, TODD D. (1984), Professor of Journalism and Mass Communication (Radio-Television Producing). B.A., Columbia College; M.A., Western Illinois University.

Associate Professors

BLACHFORD, LORI (2009), Peggy Fisher and Larry Stelter Chair of Magazine Journalism. B.A., University of North Dakota-Grand Fork; M.C.L., Drake University.

HENRY, SANDRA (2007), Associate Professor of Journalism and Mass Communication (Advertising). B.A., Drake University; M.S., Miami of Ohio.

JOLLIFFE, LEE (1995), Associate Professor of Journalism and Mass Communication. B.A., Lindenwood College; M.A., Ohio State University; Ph.D., Ohio University.

PISARSKI, DOROTHY (2004), Associate Professor of Journalism and Mass Communication (Advertising). B.S., Siena College; M.B.A., New York University.

Assistant Professors

BRUHN, KELLY (2009), Assistant Professor of Journalism and Mass Communication (Public Relations). B.A., Valparaiso; M.A., Ball State; Ph.D., Michigan State University, A.P.R.

GLOVER-KONFRST, JENNIFER (2013), Assistant Professor of Journalism and Mass Communication (Public Relations). B.A., M.P.A., Drake University.

INMAN, JEFF (2009), Assistant Professor of Journalism and Mass Communication (Magazines). B.S., Iowa State University; M.A.T., Drake University.

SNIDER, CHRIS (2010), Assistant Professor of Journalism and Mass Communication (Multimedia). B.A., University of Iowa; M.B.A., Drake University.

VAN WYKE, JILL (1997), Assistant Professor of Journalism and Mass Communication (News-Internet). B.A., M.S., Drake University.

Visiting Assistant Professor

CROWE, CARLYN, Visiting Assistant Professor and Internship Coordinator of Journalism and Mass Communication. B.A., University of Iowa; M.P.A., Drake University.

Emeriti Faculty

FOSKIT, BARRY, Professor Emeritus of Advertising.

KEEFER, JANET HILL, Associate Professor Emerita of Journalism and Mass Communication.

LYTLE, JOHN W., Professor Emeritus of Broadcast News

MENKE, RONDA (1991), Associate Professor Emerita of Public Relations

MILAM, HENRY, Professor Emeritus of Public Relations.

PATRICK, JOE R., Associate Professor Emeritus of News-Editorial.

PRIJATEL, PATRICIA, E.T. Meredith Distinguished Professor Emerita of Magazines.

STRENTZ, HERBERT, Professor Emeritus of Journalism and Media Law.

WADE, GARY, Associate Professor Emeritus of Radio-Television Producing

WOLTER, LOUIS J., Professor Emeritus of Advertising and Public Relations.

WOODWARD, ROBERT D., Professor Emeritus of News-Internet.

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 <http://www.law.drake.edu> for more information regarding the Drake Law School.

Mission Statement

Drake Law School prepares outstanding lawyers who will promote justice, serve as leaders in their communities and the legal profession and respond to the call of public service. It is a welcoming and inclusive community distinguished by an accessible faculty and staff and a collegial student body. Drake Law School provides an exceptional learning environment that integrates legal theory and the development of professional skills; promotes critical thinking and effective problem solving, examines international perspectives, and instills the ideals of ethics and professionalism.

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.

Law-Doctor of Pharmacy Option

Under the law-pharmacy option, qualified students in Drake's College of Pharmacy and Health Sciences may complete both the Doctor of Pharmacy (Pharm.D.) and J.D. degree requirements in eight years.

Candidates are advised to consult both the Law School and the College of Pharmacy and Health Sciences concerning the admission requirements for this option.

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.

Areas of Study

Faculty

Areas of Study

The College of Pharmacy and Health Sciences offers the following programs:

- [Doctor of Pharmacy \(Pharm.D.\)](#)
- [Health Sciences](#)

Doctor of Pharmacy

Degree Option

[Doctor of Pharmacy \(Pharm.D.\)](#)

[Doctor of Pharmacy web site](#)

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

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.

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 these areas:

1. Problem-solving and decision-making. In order to provide pharmaceutical care, the pharmacist must have the skills of inquiry, abstract logical thinking and critical analysis to identify problems, make judgments and decisions based on available data or identify additional needed data.
2. Management. Pharmaceutical care entails managing drug therapy, including developing and implementing care plans and measuring therapeutic outcomes. In addition, pharmacists manage personnel, supplies, practices and

departments. The effective and efficient delivery of pharmaceutical care requires the effective and efficient management of a pharmacy practice.

3. Lifelong learning. Practice is a learning experience. The pharmacist must be able to learn from problem-solving experiences. Pharmacists must acquire a continuing flow of new knowledge. Lifelong learning is dependent on the development of self-learning abilities and habits.
4. Communicating and educating. The pharmacist must communicate with colleagues, other professionals and patients. Pharmacists, as members of society, communicate with other citizens about health. Pharmacists must have the basic knowledge, confidence, attitudes and skills to read, write, listen and speak effectively. Pharmacists must be able to deal effectively with dissent, being able to disagree articulately and persuasively about patients' therapies.
5. Policy formulation and professional governance. Pharmacists must be able to take active roles in shaping policies, practices and future directions for the profession. Pharmacists must look beyond their immediate practice settings to the environment of pharmacy and the health care system. Pharmacists must be prepared to deal with issues of organization, financing, delivery, payment, access, quality and regulation of drugs and pharmacy services. Pharmacists must be aware of methods of shaping change in the profession through policy formation in the public and private sectors.
6. Professionalism. Pharmacists must understand and accept their duties and responsibilities to patients, health care professionals and their profession. Pharmacists are expected to have developed value systems and ethical standards that guide their behavior. Pharmacists must have a sense of the obligation they owe their patients and their duty to ensure that obligation is fulfilled.

Upon graduation from the Drake University pharmacy program, the graduate also shall fulfill the outcomes of the Drake Curriculum.

Requirements for Major

211 semester credit hours 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/cphs/programs/doctorofpharmacypharmd/>. Please note that courses in the professional program may change.

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 the Dec. 1 application deadline. Students admitted into Drake's pre-pharmacy program are offered the Drake Pharm.D. Difference, through which students receive full consideration for the professional program. In addition, they are assigned a pharmacy faculty advisor, are able to belong to professional student organizations, and participate in orientation courses and interview preparation activities. The PCAT is not required for students who are part of Drake's Pharm.D. Difference. Additional information is available at <http://www.drake.edu/cphs/admission/pre-pharmacy/>.

Students who are not selected for pre-pharmacy admission to the College of Pharmacy and Health Sciences may be admitted to their second choice program. These students may apply for admission to the professional level of the pharmacy program once all prerequisites are completed. The PCAT is required for any student who was not admitted to into Drake's pre-pharmacy program.

Students who have completed the pre-pharmacy course requirements at other institutions may also apply to the professional program.

All students desiring to enter the professional program must complete the Pharmacy Centralized Application Services (www.PharmCAS.org) application and the College of Pharmacy and Health Sciences Supplemental Application Form.

Additional information regarding the admission process for pre-pharmacy and professional programs can be viewed at <http://www.drake.edu/cphs/admission/pre-pharmacy/>.

Specific Regulations / 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 <http://www.drake.edu/cphs/handbookspolicies/>.

Many pharmacy courses have prerequisite requirements. Admission to a course is denied if prerequisite courses have not been successfully completed. Therefore, deviations from the curriculum as it is structured require careful consideration. Course prerequisites may be found in the course descriptions, as listed in blueView, located at my.drake.edu.

Pharmacy 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.

Candidates qualifying for the degree must complete the required credit hours for graduation and have at least a 2.00 cumulative GPA. The standard grading scale for pharmacy students enrolled in pharmacy-labeled courses is "A", "B", "C", "D" or "F". All courses in the pre-pharmacy curriculum and the first three years of the professional curriculum must be successfully completed before a student enrolls in fourth-year (final year) coursework.

Students may not progress onto rotations unless a "C" or better is earned in each required course. Students are permitted to retake a pharmacy required course for a passing grade (2.0 GPA or "C") one time only. Students who do not obtain a 2.0 (or "C") in a pharmacy required course after two attempts will be dropped from the Pharm.D. program. Once a student enters the professional program, all didactic coursework must be completed in four years. Students who are unable to complete the didactic course work in this time period will be dropped from the program.

All fourth-year pharmacy students are required to complete 40 weeks of experiential rotations (PHAR 285) prior to graduation. During these experiential rotations, students apply pharmaceutical principles related to diagnosis, treatment and patient care; monitor drug utilization and drug therapy and interact with patients, physicians, nurses and other health care providers. Due to regulations at many of the experiential sites, the college will complete a criminal background check and drug screen prior to admission into the professional program and again prior to entering the experiential year. Students who have a history of a felony are referred to the State Board of Pharmacy where they plan to practice pharmacy to determine if their record would prohibit licensure. Experiential sites have the right to refuse to accept a student for rotations based on the results of the criminal background check even if the history would not prohibit licensure as a pharmacist. Many of these sites also require that a copy of the background check is forwarded to them. Students who have positive drug screens and will be entering rotations will be referred to the Chemical Dependency Policy.

Candidates for the Doctor of Pharmacy degree are required to be in residence in the College of Pharmacy and Health Sciences for at least the last 30 credit hours before becoming eligible for graduation. Credit earned by examination may not be counted toward fulfillment of the last 30 credit hours.

Pre-pharmacy and pharmacy students are assigned a pharmacy faculty member as their academic adviser. Faculty advisers help students:

- Adapt to the college environment
- Assist in the development of the student's education plan by providing input and feedback
- Encourage discussions about the appropriateness of their chosen career track and the career options within the profession

- Assist in identification of opportunities for professional skill development and
- Make appropriate referrals to university student service offices when academic or personal difficulties arise.

The Academic and Student Affairs Office is responsible for coordinating the registration process, verifying appropriate registration of courses, approving educational plan waivers and transfer credit requests, updating degree audits with regard to substitutions, waivers and transfer courses, answering student questions regarding registration, credit completion, course transfer process and study-abroad opportunities, serving as a resource for students in combined degree programs (M.B.A., M.P.A., Law) 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.

Joint Degree Programs

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.

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.

Pharmacy / Law

Students may elect to earn both a Doctor of Pharmacy 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 spring semester of the first professional year. Each student's schedule is tailored individually in consultation with the joint degree adviser.

Please visit <http://www.drake.edu/cphs> for additional information on these joint degree programs.

Students may use electives to pursue a second major, a minor, or a concentration. The college currently offers a Diabetes Care Concentration. Please visit <http://www.drake.edu/cphs> for additional information on these options.

Program Details

Doctor of Pharmacy (PharmD)

PROGRAM OVERVIEW

The PharmD degree program is a four-year professional program that prepares students for community or institutional practice, postgraduate education or the many other practice opportunities available to pharmacists.

Students may be admitted to the two-year pre-pharmacy program direct from high school and, upon completion of established criteria, may be admitted to the four-year professional program.

Students who have completed the proper coursework at another institution may apply for admission into the professional program. Students who have completed approximately 60 semester hours, including two semesters of inorganic chemistry (with labs), two semesters of biology (with labs), two semesters of organic chemistry (with labs), calculus, statistics and microbiology generally are considered for admission to the professional program. Please contact the College of Pharmacy and Health Sciences for more information.

EDUCATIONAL GOALS & 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 these areas:

- A. Problem solving and decision making.
- B. Management.
- C. Life-long learning.
- D. Communicating and educating.
- E. Policy formulation and professional governance.
- F. Professionalism.

OCCUPATIONS

Graduates have obtained positions all areas of pharmacy practice including but not limited to:

Community Practice
Hospital Practice
Associations
Pharmaceutical Industry
Academia
Consulting
Regulatory Agencies

YEARS REQUIRED

Typically 2 years of pre-pharmacy, and 4 years for the professional years in the program.

[Click here](#) for more information on career pathways and state of residence of our recent graduates.

Curriculum

[Print Friendly Version](#)

First Year					
FALL			SPRING		
CHEM 001/3	General Chemistry I & Lab	4 CR	PHAR 031	CAPS II (Career, Academic & Professional Success)	0.5 CR
FYS ---	First Year Seminar	3 CR	CHEM 002/4	General Chemistry II & Lab	4 CR
BIO 012	Pre-professional Biology I & Lab	4 CR	BIO 013	Pre-Professional Biology II & Lab	4 CR
PHAR 011	CAPS I (Career, Academic & Professional Success)	0.5 CR	ELEC ---	Drake Curriculum/General Electives	3 CR
ELEC ---	Drake Curriculum/General Electives	3 CR	MATH 050	Calculus I	4 CR
Semester Total Credit Hours		14.5	Semester Total Credit Hours		15.5
Second Year					
FALL			SPRING		
ELEC ---	Drake Curr Written Communication AOI	3 CR	ELEC ---	Drake Curriculum/General Electives	6 CR
CHEM 097/98	Organic Chemistry I & Lab	4 CR	PHAR 071	CAPS IV (Career, Academic & Professional Success)	0.5 CR
PHAR 051	CAPS III (Career, Academic & Professional Success)	0.5 CR	CHEM 108/10	Organic Chemistry II & Lab	4 CR

STAT 060	Statistics for the Life Sciences	3 CR	SCSR 073	Public Speaking	3 CR
ELEC ---	Drake Curriculum/General Electives	6 CR	BIO 095	Medical Microbiology	3 CR
Semester Total Credit Hours		16.5	Semester Total Credit Hours		16.5

Doctor of Pharmacy 1

FALL			SPRING		
PHAR 130	Biochemistry	4 CR	PHAR 145	Basic Pharmacy Skills & Applications 2	2 CR
PHAR 131	Intro to Pharm Science	3 CR	PHAR 132	Pathophysiology	4 CR
PHAR 161	Intro to Pharmaceutical Care	2 CR	PHAR 133	Principles of Drug Action I	5 CR
PHAR 144	Basic Pharmacy Skills & Applications 1	2 CR	PHAR 171	Social and Administrative Pharmacy	3 CR
ELEC ---	Drake Curriculum/General Electives	3 CR	PHAR 138	Pharmaceutical Calculations	2 CR
PHAR 125	Physiology	4 CR	PHAR 140	Pharmaceutics I	2 CR
Semester Total Credit Hours		18	Semester Total Credit Hours		18

Doctor of Pharmacy 2

FALL			SPRING		
PHAR 142	Kinetics	3 CR	PHAR 143	Therapeutic Drug Monitoring	2 CR
PHAR 154	Intermediate Pharmacy Skills & Applications 1	3 CR	ELEC ---	Drake Curriculum/General Electives	3 CR
PHAR 141	Pharmaceutics II	3 CR	PHAR 169	Nonprescription Therapies	3 CR
ELEC ---	Pharmacy Professional Elective	1 CR	PHAR 155	Intermediate Pharmacy Skills & Applications 2	3 CR
PHAR 134	Principles of Drug Action II	5 CR	PHAR 190	Therapeutics I	3 CR
PHAR 172	Literature Evaluation Methods	3 CR	PHAR 135	Principles of Drug Action III	4 CR
Semester Total Credit Hours		18	Semester Total Credit Hours		18

Doctor of Pharmacy 3

FALL			SPRING		
ELEC ---	Pharmacy Professional Electives	3 CR	PHAR 192	Therapeutics III	5 CR
PHAR 191	Therapeutics II	4 CR	ELEC ---	Drake Curriculum/General Electives	3 CR
PHAR 184	Advanced Pharmacy Skills & Applications 1	4 CR	PHAR 173	Applied Social and Administrative Pharmacy	3 CR
PHAR 187	CAPS V (Career, Academic, & Professional Success)	0.5 CR	PHAR 185	Advanced Pharmacy Skills & Applications 2	4 CR
PHAR 162	Pharmacy Law & Ethics	3 CR	ELEC ---	Pharmacy Professional Electives	2 CR
PHAR 174	Management in Pharmacy	3 CR	PHAR 188	CAPS VI (Career, Academic & Professional Success)	0.5 CR
Semester Total Credit Hours		17.5	Semester Total Credit Hours		17.5

Doctor of Pharmacy 4

FALL			SPRING		
PHAR 285	Rotations	22 CR	PHAR 285	Rotations	18 CR
Semester Total Credit Hours		22	Semester Total Credit Hours		18

Total Program Hours: 210

Program Notes:

General Education Electives: Students complete the Drake Curriculum requirements and other credits for a total of 27 credits. Drake Curriculum requirements not fulfilled through required course work: Artistic Experience, Engaged Citizen, Historical Foundations (2 courses), Global and Cultural Understanding, and Written Communication.

Professional Electives: Six credits are required and completed during the professional program.

Related Programs and Information

- Doctor of Pharmacy (PharmD) - For P1's Entering Fall 2006 and Prior

Pre-Pharmacy Admissions Information

Start your pursuit of a career in pharmacy with all the advantages of the Drake pre-pharmacy program. The Drake pre-pharmacy program is a two year curriculum which prepares students to apply to Drake's Doctor of Pharmacy (PharmD) program. All students admitted to the pre-pharmacy program receive the benefits of the [Drake PharmD Difference](#), which students find very beneficial as they progress through pre-pharmacy and apply to the PharmD program. The Drake PharmD Difference provides a unique and beneficial experience that includes opportunities to join professional pharmacy organizations as early as your first semester, having the Pharmacy College Admission Test (PCAT) requirement waived and much more!

Students can only be admitted to the pre-pharmacy program directly from high school, so you should plan to apply during the fall of your senior year. To apply for pre-pharmacy for the fall 2015 semester, you must complete an [application for admission](#) by December 1, 2014. Unlike students who apply to other majors at Drake and are admitted on a rolling basis, pre-pharmacy students are selected from a pool of applicants. In order to be considered for pre-pharmacy, you MUST list pre-pharmacy as your primary major on the application along with a secondary major in case you are not admitted to the program. There are no official GPA or ACT requirements for the pre-pharmacy program. Competitive applicants take a rigorous and challenging curriculum throughout high school and demonstrate leadership and involvement both inside and outside the classroom.

What Distinguishes Drake's PharmD Program?

The following information pertains to the professional PharmD degree at Drake. The first two years of pre-pharmacy are not included in this information.

**PROGRAM
INFORMATION**

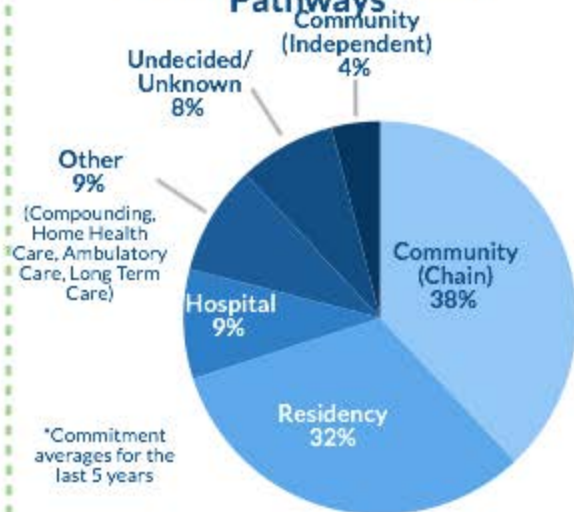
Degree Program: **Doctor of Pharmacy (PharmD)**

Length of Program: **4 Years**

Total Enrollment: **440**

P1 Enrollment: **110**

Drake PharmD Career Pathways



98%

of 2013 Drake graduates passed the NAPLEX (national licensing exam)



of 2013 Drake graduates said they would choose Drake again if they could begin their Pharmacy education over.



94%

**2014
4-Year On-Time
Graduation Rate**

Residency placement rate for 2014 graduates applying for residencies

Drake 85%

National 64%



of our students take advantage of opportunities in addition to their PharmD degree!



Joint Masters degree programs: PharmD/MBA, PharmD/MPA, PharmD/MPH



Minors, concentrations and certificates



Joint PharmD/JD Drake Law School



Study abroad

25-30%

students complete an **INTERNATIONAL ROTATION**

More than 20 sites in 12 countries

More than

\$278,000

in scholarships available

College of Pharmacy and Health Sciences
2507 University Ave.
Des Moines, IA 50311

1-800-44-DRAKE Ext. 3018
T: (515) 271-3018

Health Sciences

Degree Option

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

[Health Sciences web site](#)

Program Overview

The undergraduate program in the health sciences is a 4-year degree program that focuses on developing the knowledge base, skill sets and professional experiences necessary for success in health science-related fields. Students will participate in an interdisciplinary curriculum that combines coursework in the biomedical, pharmaceutical and clinical sciences, business and health care management, and health behavior. Because many students are drawn to the health care field but are often unsure of which direction may be best for them, this degree will expose students to a wide range of health care-related experiences while providing the foundational skills of a liberal education.

The program provides students with coursework and laboratory opportunities in the health sciences that allow them to develop highly sought-after skills that are applicable to work in research and health care environments. The learning goals and outcomes of the curriculum provide students with a strong interdisciplinary component that integrates the chemical and biological sciences for applications in the health sciences. The program also provides a background in the liberal arts that prepares students to be engaged citizens and reflective practitioners.

Students who enter Drake after completing their high school experiences will begin as open major health sciences students. Following their enrollment in the Issue in Health Sciences first-year series, students select which track they would like to pursue:

- Clinical and Applied Sciences
- Health Services Management

Students pursuing the Clinical and Applied Sciences track will follow a sequence of courses and experiences that focus on the application of biomedical and clinical sciences in preparation for clinical work in the primary health care professions as well as allied health fields such as occupational therapy, physical therapy, physician assistant, audiology, and clinical and laboratory sciences. Students also can focus on laboratory-based courses and research experiences that prepare them for careers in research, drug development and pursuit of graduate education.

Students pursuing the Health Services Management track will follow a sequence of courses and experiences that focus on developing skills in management, marketing and data analysis. This track prepares students for employment in related health care fields such as insurance companies, health systems, pharmacy benefit management companies, managed care organizations and health-related nonprofit organizations.

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

The following links display the curriculum guides for the different tracks within the health sciences major. Health Sciences students must also complete the Drake Curriculum requirements; these requirements are included in the information and curriculum guides listed at the following web site: <http://www.drake.edu/cphs/programs/bachelorofscienceinhealthsciences/>.

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/handbookpolicies/>).

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 course descriptions, as listed in blueView, located at my.drake.edu.

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 194/195 or 196/197) prior to graduation. Due to regulations at many of the experiential sites used for the senior capstone experiences, the college will complete a criminal background check and drug screen prior to entering the senior capstone year. Senior capstone sites have the right to refuse to accept a student based on the results of the criminal background check. Many of these sites also require that a copy of the background check is forwarded to them. Students who have positive drug screens and will be entering their senior capstone experience will be referred to the Chemical Dependency Policy.

Health Sciences students are assigned a faculty member as their academic adviser. Faculty advisers help students:

- Adapt to the college environment
- Assist in the development of the student's education plan by providing input and feedback
- Encourage discussions about the appropriateness of their chosen career track and the career options within the profession
- Assist in identification of opportunities for professional skill development and
- Make appropriate referrals to university student service offices when academic or personal difficulties arise.

The Academic and Student Affairs Office is responsible for coordinating the registration process, verifying appropriate registration of courses, approving educational plan waivers and transfer credit requests, updating degree audits with regard to substitutions, waivers and transfer courses, answering student questions regarding registration, credit completion, course transfer process and study-abroad opportunities, and coordinating and communicating opportunities for internship, study abroad, research and postgraduate study. The final responsibility for completion of graduation requirements, however, belongs to the student and, accordingly, each student should become familiar not only with the curriculum but also with the academic regulations of the college.

Joint Degree Programs

Health Sciences / Law 3+3

Students may elect to earn both a Bachelor of Science-Health Sciences 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. The curriculum guide for this program exists at <http://www.drake.edu/cphs/programs/bachelorofscienceinhealthsciences/>.

Health Sciences/Mercy College of Health Sciences 3 + 1 Certificate Programs in Nuclear Medicine Technology or Clinical Laboratory Sciences

Students may elect to earn both a Bachelor of Science-Health Sciences degree and a certificate in Nuclear Medicine Technology or Clinical Laboratory Sciences in a joint degree program offered in cooperation with the Mercy College of Health Sciences. The program allows students to focus their education on a specialization in these areas while achieving additional patient care hours required for a number of post-graduate professional programs. Participating students are admitted first to the College of Pharmacy and Health Sciences. A student pursuing this program should plan to apply to Mercy College of Health Sciences during the fall semester of the junior year and if admitted, will become a Mercy student during their senior year. The credits completed as part of the certificate program will fulfill credits required for the BS in Health Sciences degree. See the curriculum guide for this program at <http://www.drake.edu/cphs/programs/bachelorofscienceinhealthsciences/>.

Students may use electives to pursue a second major, a minor, or a concentration. Please visit <http://www.drake.edu/cphs/programs> for additional information on these options or the joint degree programs.

Bachelor of Science in Health Sciences

PROGRAM OVERVIEW

The **Bachelor of Science in Health Sciences** is a four-year undergraduate degree program that prepares students for success in careers related to the health care industry. The Health Sciences curriculum focuses on developing necessary knowledge, skill sets and professional experience to help students become successful health care professionals.

This program provides opportunities for students to build upon the foundational skills of a liberal arts education in an *interdisciplinary curriculum*. Faculty representing three different colleges at Drake provide coursework in the biomedical sciences, pharmaceutical sciences, clinical sciences, health care management and health behavior.

Drake's Health Sciences program provides opportunities early in the curriculum for students to interact and work with a wide range of scientific and health care professionals. Students who are interested in pursuing a career in health care but are unsure of which career may be best for them find this aspect of the Health Sciences degree beneficial. Once students decide which area of health care they would like to pursue, they participate in advanced experiences that allow them to integrate classroom material with their work experience and develop higher-level skills.

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 Services Management.

Students who enroll in the health Sciences program at Drake directly from high school begin as "open" Health Sciences students. During the first semester in the Issues in Health sciences course series, first-year students select which track (Clinical and Applied Sciences or Health Services Management) they would like to pursue. Students transferring into the program declare their track at the point of admission.

Click to view:

- [Health Sciences Tracks](#)
 - [Clinical and Applied Sciences](#)
 - [Health Services Management](#)
- [Faculty](#)
- [Academic Preparation](#)
- [Sample Courses](#)
- [Drake Curriculum](#)
- [Internships and Experiential Education](#)
- [Educational Goals](#)
- [Career Options](#)
- [Quotes from Prospective Employers](#)

HEALTH SCIENCES TRACKS

Bachelor of Science in Health Sciences -- Clinical and Applied Sciences Track

PROGRAM OVERVIEW

The Clinical and Applied Sciences track includes coursework in scientific applications and clinical experiences in health-related sciences. There are also opportunities for additional laboratory experiences in the areas of pharmacology, pharmaceuticals, and medicinal chemistry. [Click here to view the curriculum guide for the Clinical and Applied Sciences track.](#)

Potential capstone projects include clinical experiences at local clinics or medical centers that are coordinated through the CPHS Office of Experiential Education. Students who are interested in more research-oriented careers may also choose to complete a laboratory based research project with faculty in the pharmaceutical sciences. [Click here to view a list of past research projects.](#)

The Clinical and Applied Sciences track prepares students for careers or post-graduate work in primary care (physicians, dentists, optometrists) and allied health professions (for example: physician assistant, physical therapy, occupational therapy, audiology, optometry, clinical and laboratory sciences). [Click here to view a list of pre-professional curriculum guides.](#) Students in the Clinical and Applied Sciences track may also focus their education to prepare for research careers in the pharmaceutical industry or entry into graduate programs in the pharmaceutical or biomedical sciences.

The College of Pharmacy and Health Sciences partners with other colleges and schools both at Drake and in Des Moines to provide additional opportunities for professional advancement. Students interested in pursuing a career in health care law may consider our joint degree program with the Drake University Law School. Students enrolled in this "3+3" option have the opportunity to begin their first year of law school during their senior year. [Click here to view the curriculum guide for the 3+3 Clinical & Applied Sciences/Law program.](#)

CPHS also has a partnership with Mercy College of Health Sciences in Des Moines to provide Drake Clinical and Applied Sciences students with access to one of their certificate programs. Students can enroll in this "3+1" program to earn certification in Clinical Laboratory Sciences. Please see our [Clinical and Applied Sciences/ Mercy College of Health Sciences' Certificate in Clinical Laboratory Sciences](#) page for more information.

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Bachelor of Science in Health Sciences -- Health Services Management Track

PROGRAM OVERVIEW

The Health Services Management track emphasizes coursework in business, marketing and pharmacy and health care administration. [Click here to view the curriculum guide for the Health Services Management track.](#)

Potential capstone projects include experiences working in administrative areas of health care that are coordinated through the CPHS Office of Experiential Education. Capstone areas of focus include (but are not limited to) health care administration, patient services, public health and the insurance industry. Students who are interested in more research-oriented careers or continuing on to graduate school may also choose to complete a non-laboratory based research project.

The Health Services Management track prepares students for careers or post-graduate work in health care administration, patient services, public health, health care information technology, regulatory affairs, marketing/sales and insurance related to the medical and pharmaceutical industries. Students in the Health Services Management track who have an interest in pursuing health care law may also consider our joint degree program with the Drake University Law School. [Click here to view the curriculum guide for the 3+3 Health Services Management/Law program.](#)

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FACULTY

The Bachelor of Sciences in Health Sciences is an interdisciplinary program that involves faculty from the College of Pharmacy and Health Sciences, the College of Business and Public Administration and the College of Arts and Sciences. Students will take courses from faculty who are committed to the Health Sciences program and to providing activities and structure to their courses that maximize learning.

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ACADEMIC PREPARATION

No specific high school classes are required for first-year students applying for admission into the Health Sciences program. However, the College of Pharmacy and Health Sciences recommends four years each of English, science and mathematics. Students should take the most challenging courses available through their high school' advanced or honors curriculum to best prepare themselves for their first year at Drake. Students may consider taking advantage of any Advanced Placement or dual credit opportunities that might be available.

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SAMPLE COURSES

In addition to several foundational courses in biomedical sciences and business, all students in the Health Sciences program will take a five-semester sequence of courses called **Issues in Health Sciences**. The Issues in Health Sciences sequence provides 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 multiple fields.

Students pursuing the **Clinical and Applied Sciences** track follow a sequence of courses and experiences that focus on the application of biomedical and clinical sciences in preparation for clinical work in the primary health care professions as well as allied health fields. The Clinical and Applied Sciences track also provides students with an opportunity to focus on laboratory-based courses and research experiences as preparation for careers post-graduate education in research, drug development and other fields within the health sciences.

Students pursuing the **Health Services Management** track follow a sequence of courses and experiences that focus on developing skills in management, marketing and data analysis. The Health Services Management track prepares students for employment in related health care fields such as the insurance industry, health systems, pharmacy benefit management companies, managed care organizations and health related non-profit organizations.

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DRAKE CURRICULUM

All undergraduate students at Drake University are required to complete the **Drake Curriculum**. The Drake Curriculum is designed to help students meet the academic, personal and professional goals as they acquire fundamental knowledge and abilities in ten **Areas of Inquiry (AOIs)**: Artistic Experience, Critical Thinking, Engaged Citizen, Historical Foundations, Information Literacy, Global and Cultural Understanding, Scientific Literacy, Quantitative Literacy, Values and Ethics and Written Communication. Students work with their academic advisors to plan their program of study by integrating courses in the Areas of Inquiry that will prepare them for civic and professional leadership.

In addition to fulfilling their Areas of Inquiry as part of the Drake Curriculum, students also complete a First-Year Seminar during their first semester at Drake. First-Year Seminars are topical courses that help students develop foundational critical thinking, written and oral communication skills to prepare for advanced coursework later in their Drake education.

All Health Sciences students complete a Senior Capstone, which is the culmination of their experiential learning in their field of study. During the senior capstone, Health Sciences students demonstrate their ability to apply what they have learned in the classroom and throughout their experiential education opportunities to a real-world field experience.

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INTERNSHIPS & EXPERIENTIAL EDUCATION

Drake is located in Iowa's capital - the hub of business, insurance, government and health care for the state. The College of Pharmacy and Health Sciences has a record of placing students in over 500 sites related to health care activities each year.

The Health Sciences program utilizes these opportunities to provide experiential learning throughout the four-year curriculum. In the early stages of the program, students are involved in experiencing the world of health sciences through, **job shadowing, career mentoring, and project development**. As students progress throughout their program, they begin to participate in **work experiences** in areas related to their career interests. Students in the Clinical and Applied Sciences track are provided with opportunities to participate in rotation-style experiences associated with major medical centers and local clinics. Students who are interested in research also have the opportunity to carry out projects with faculty in the clinical, biomedical and pharmaceutical sciences. Students following the Health Services Management track are placed at sites associated with health insurance, information management, health systems management or public health.

Drake University strongly promotes research opportunities at the undergraduate level. The Drake Undergraduate Science Collaborative Institute (DUSCI) is an organized group of faculty and students that works to promote, support and coordinate efforts in undergraduate research. The Institute also serves as a platform for interdisciplinary discussions and collaboration among faculty and students.

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EDUCATIONAL GOALS

The purpose of the Health Sciences program is to provide graduates with the relevant knowledge base, skills, attitudes, ethics and values to succeed in basic and applied health-related careers.

Goal 1: Knowledge Base and Life Long Learning Skills

Graduates will have a strong foundation in the physical, biological, clinical and behavioral sciences coupled with an understanding of how business and management models apply to health sciences-related fields. Graduates will develop the skills and habits to acquire and apply new knowledge.

Goal 2: Values and Ethics

Graduates will understand and accept their duties and responsibilities outlined by their chosen career and to society in general. Graduates are expected to have developed value systems and ethical standards that guide their behavior.

Goal 3: Critical Thinking Skills

Graduates will use critical and creative thinking and an evidenced-based approach to identify, analyze and solve problems.

Goal 4: Communication and Collaborative Skills

Graduates will be able to communicate effectively with their peers and their constituents in a variety of formats and actively participate in collaborative environments.

Goal 5: Career Planning and Development

Graduates will emerge from the program with realistic ideas regarding how to implement their knowledge, skills, and values in a variety of settings.

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CAREER OPTIONS

Drake's approach to the Health Sciences program is to expose students to and provide an understanding of the multiple roles, disciplines and professions associated with the health care system. The Clinical and Applied Sciences track provides excellent preparation for a career in primary care (physicians, dentists, optometrists) and allied health (physician assistant, physical therapy, occupational therapy, audiology, clinical and laboratory sciences). The Clinical and Applied Sciences track also provides students who are interested in research with experiences that will prepare them for entry into research careers in the pharmaceutical industry or graduate education in the pharmaceutical and biomedical sciences (pharmacology, pharmaceuticals, physiology). Employment opportunities available for graduates of the Health Services Management track include positions in the health insurance industry, public health agencies, hospital administration, health care management or health education. The Health Sciences program also prepares students for law school and a legal career linked to the health care system.

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QUOTES FROM PROSPECTIVE EMPLOYERS

"This program's participants are analogous to stem cells. The various course work and experiences will allow students to identify and differentiate into roles within the healthcare field that fit their interests and skills"

- Bryan Larsen, Ph.D., Dean for University Research, Des Moines University

"The healthcare field is looking for people who can do things - communicate effectively, work with diverse groups of people, generate passion. The health sciences program at Drake is designed to develop these characteristics."

- Jane Schadle, RN, MSHA, Iowa Department of Public Health

"The health insurance industry, in the past, would focus on hiring individuals with business and actuarial skills. Today, we need individuals with those skills in addition to knowledge of the health sciences and healthcare system."

- Mar Movic, Vice President, Principal Financial Group

Program Details

Bachelor of Science in Health Sciences -- Clinical and Applied Sciences Track

Curriculum

[Print Friendly Version](#)

First Year					
FALL			SPRING		
HSCI 020	ISSUES IN HSCI I-COLLEGE CONN/CAREER PATH.*	1.5 CR	MATH 050	Calculus (Quant AOI)	4 CR
FYS ---	First Year Seminar	3 CR	CHEM 002/4	Chemistry II	4 CR
ELEC ---	Drake Curriculum/Gen Elec.	3 CR	BIO 013	Pre-Professional Biology II & Lab	4 CR
BIO 012	Biology (Life Sci AOI)	4 CR	HSCI 025	ISSUES IN HSCI II - THE HEALTH CARE SYSTEM*	3 CR
CHEM 001/3	Chemistry I (Phy Sci AOI)	4 CR			
Semester Total Credit Hours		15.5	Semester Total Credit Hours		15
Second Year					
FALL			SPRING		
HSCI 055	ISSUES IN HSCI III: ENTREPRENEURIAL LEADERSHIP*	3 CR	ELEC ---	Drake Curriculum/Gen Elec.	3 CR
PSY 001	Intro Psychology	4 CR	P-ELEC ---	Professional Electives	3 CR
CHEM 097/98	Organic Chemistry I & Lab	4 CR	ELEC ---	Drake Curriculum/Gen Elec.	3 CR
P-ELEC ---	Professional Electives	4 CR	STAT 060	Statistics for the Life Sciences (Crit Think AOI)	3 CR
Semester Total Credit Hours		15	HSCI 125	Physiology (OR BIO129 OR PHAR 125-Fall offerings)	4 CR
			Semester Total Credit Hours		16
Third Year					
FALL			SPRING		
HSCI 172	EVALUATING RESEARCH LIT (INFO AOI)*	3 CR	P-ELEC ---	Professional Electives	7 CR
ELEC ---	Drake Curriculum/Gen Elec.	3 CR	ECON 002	Microeconomics-Before Fall '15, may take ECON 1/10	3 CR
HSCI 095	Medical Terminology	1 CR	HSCI 105	ISSUES IN HSCI IV: VALUES/ETHICS (VE AOI)	3 CR
P-ELEC ---	Professional Electives	8 CR	ELEC ---	Drake Curriculum/General Electives	3 CR
Semester Total Credit Hours		15	Semester Total Credit Hours		16
Fourth Year					
FALL			SPRING		
ELEC ---	Drake Curriculum/Gen Elec.	3 CR	P-ELEC ---	Professional Electives	3 CR
HSCI 194/ 196	SENIOR RESEARCH I OR SENIOR EXPERIENCE I*	4 CR	HSCI 155	ISSUES IN HSCI V: CAPSTONE EXPERIENCES*	3 CR
P-ELEC ---	Professional Electives	6 CR	HSCI 195/ 197	SENIOR RESEARCH II OR SENIOR EXPERIENCE II*	4 CR
ELEC ---	Drake Curriculum/Gen Elec.	3 CR	ELEC ---	Drake Curriculum/Gen Elec.	6 CR
Semester Total Credit Hours		16	Semester Total Credit Hours		16
Total Program Hours: 124.5					

Program Notes:

*Courses bolded and capitalized should be taken the semester listed, unless prior approval by the College is provided (i.e. situations such as study abroad, transfer students).

Drake Curriculum requirements not fulfilled through required course work: Artistic Experience, Engaged Citizen, Historical Foundations (2 courses), Global and Cultural Understanding, and Written Communication.

Declare Health Sciences track by end of first year.

Courses below may be used to fulfill the elective categories; other courses may be used as approved. General electives refer to any college level course.

Professional Electives for the Clinical and Applied Sciences Track (*min. 31 electives*)

Biomedical Science Electives

(min 6 credits)

*BIO 095-199
*CHEM 100-199
*NSCI 001-199
*PHY 001-199

Health Science Electives

(min 9 credits)

*PHAR 100-199
*HSCI 100-199
*EDUC 172 (Care and Prevention of Injuries)
*SPAN 150

Business Electives

(no minimum)

*ACCT 040-199
*BLAW 060-199
*ECON 002-199
*FIN 095-199
*MGMT 110-199
*MKTG 101-199

Psychology Electives

(no minimum)

*PSY 002-199
*SOC 081

Clinical and Applied Sciences

Mercy College of Health Sciences Certificate in Clinical Laboratory Sciences

Program Overview

3 + 1 DRAKE UNIVERSITY HEALTH SCIENCES –

MERCY COLLEGE OF HEALTH SCIENCES CLS CERTIFICATE PROGRAM

(CLS: CLINICAL LABORATORY SCIENCES (CLS))

Mercy College of Health Sciences offers a certificate program in Clinical Laboratory Sciences that can be added to a Bachelor of Science degree earned from their institution or others. 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 CLS Program is dedicated to providing students with the educational foundation required to become clinical laboratory scientists/medical technologists/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 CLS Program provides students with the academic and clinical experiences needed to become caring, ethical, and competent members of the health care team.

CERTIFICATE PROGRAM GOALS:

1. Prepare individuals to become laboratory professionals who perform a great variety of laboratory analysis accurately, timely, and efficiently.
2. Develop professionals who think logically, creatively, critically, responsively, and exercise good judgment.
3. Prepare individuals to become leaders in clinical laboratory science/medical laboratory science and the health care community.

CLINICAL ROTATION/EXPERIENCE INFORMATION (INFORMATION PROVIDED BY PROGRAM DIRECTORS):

Starting in Fall 2013, the CLS students will be completing 750 clock hours of clinical rotations at clinical sites. They spend time in the following areas: Microbiology Chemistry, Hematology, Blood Bank, Immunology, Molecular Diagnostics, Urinalysis, and Phlebotomy performing testing under the supervision of a preceptor. They spend an additional ~25 hours visiting various other sites.

The CLS students complete a large patient case study group project in their last semester as a final project. The project pulls together material they have learned in all of their courses throughout the CLS Program. They give a presentation at the end of the project and also complete other assignments as a part of the project. They also each do a small individual presentation in the Clinical Immunohematology Didactic course covering a specific blood group.

The students in the CLS program collaborate throughout the program on case studies and problem-based learning scenarios both in the didactic courses and the clinical courses. They write reflection papers in two CLS Program courses. The CLS Rotation Week course allows each student to select five sites to visit where they will work with various health care professionals. After the experiences, they write reflection papers after each of the experiences.

For a printer-friendly version of this information, please download the pdf of our [3+1 HS-C/Certificate in Clinical Laboratory Sciences Program Overview](#).

Curriculum Guide

For a printer-friendly version of this information, please download the pdf of our [3+1 HS-C/Certificate in Clinical Laboratory Sciences Curriculum Guide](#).

First Year

Fall Semester

FYS ---	First Year Seminar	3 CR
HSCI 020*	Issues in Health Sciences I: College Connections/Career Pathways	1.5 CR
CHEM 001/3	General Chemistry I & Lab (PHSC AOI)	4 CR
BIO 012/L	Pre-Professional Biology I & Lab (LIFE AOI)	4 CR
ELEC ---	Drake Curriculum/General Elective	3 CR

Spring Semester

HSCI 025*	Issues in Health Sciences II: The Health Care System	3 CR
CHEM 002/4	General Chemistry II & Lab	4 CR
BIO 013/L	Pre-Professional Biology II & Lab	4 CR
MATH 050	Calculus I (QUANT AOI)	4 CR
Total Semester Credit Hours		15

Total Semester Credit Hours	15.5
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Second Year

Fall Semester

HSCI 055*	Issues in Health Sciences III: Entrepreneurial Leadership	3 CR
CHEM 097/98	Organic Chemistry I & Lab	4 CR
PSY 001	Introduction to Psychology	4 CR
ELEC ---	Drake Curriculum/General Elective	3 CR
Total Semester Credit Hours		14

Spring Semester

HSCI 125	Physiology (or Fall BIO 129 or PHAR 125)	4 CR
STAT 060	Statistics for the Life Sciences (CRIT AOI)	3 CR
P-ELEC	Professional Elective	4 CR
ELEC ---	Drake Curriculum/General Electives	3 CR
ECON 001	Macroeconomics	3 CR
Total Semester Credit Hours		17

Third Year

Fall Semester

HSCI 172*	Evaluating Research Literature (INFO AOI)	3 CR
HSCI 095	Medical Terminology	1 CR
P-ELEC ---	Professional Electives	6 CR

Spring Semester

HSCI 105*	Issues in Health Sciences IV: Values and Ethics (VE AOI)	3 CR
HSCI 194/195	Senior Research I or Senior Experience I*	4 CR
P-ELEC ---	Professional Electives	6 CR

ELEC ---	Drake Curriculum/General Elective	6 CR
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Total Semester Credit Hours	15
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ELEC ---	Drake Curriculum/General Elective	3 CR
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Total Semester Credit Hours	16
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Fourth Year

Fall Semester

Certificate Course Work	Mercy College of Health Sciences	14 CR
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Total Semester Credit Hours	14
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Spring Semester

HSCI 155*	Issues in Health Sciences V: Capstone Experiences	3 CR
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Certificate Course Work	Mercy College of Health Sciences	14 CR
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Total Semester Credit Hours	17
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Summer

Certificate Course Work	Mercy College of Health Sciences	13 CR
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Total Program Hours-Clinical/Applied Sciences: 124.5

Hours Required for HS-C 3+1 Certificate in Clinical Laboratory Sciences Program: 136.5

***Bolded courses** must be taken in the designated semester, unless prior approval by the College is provided.

Drake Curriculum/General Electives (min 27 credits): Drake Curriculum requirements not fulfilled by required course - Artistic Experience AOI, Engaged Citizen AOI, Historical Foundations AOI (2 courses), Global and Cultural Understanding AOI, and Written Communication AOI. General electives refer to any non-required college level course.

Professional Electives (min 31 credits): courses below may be used to fulfill the elective categories; other courses may be used as approved.

Biomedical Science Electives <i>(min 6 credits)</i> *BIO 095-199 *CHEM 100-199 *NSCI 001-199 *PHY 001-199	Health Science Electives <i>(min 9 credits)</i> *HSCI 100-199 *PHAR 100-199 *EDUC 172 *SPAN 150	Business Electives <i>(no min credits)</i> *ACCT 040-199 *BLAW 060-199 *ECON 002-199 *FIN 095-199 *INS 051-199 *MGMT 110-199 *MKTG 101-199 *BUS 005-199	Psychology Electives <i>(no min credits)</i> *PSY 002-199 Leadership Electives <i>(no min credits)</i> *LEAD 100-199
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	HS-C Track	Mercy Certificate - credits completed at Drake	Fulfilled by Mercy Coursework
Required DC/General Electives	27 CR	18 CR	9 CR
Required Professional Electives	31 CR	16 CR*	15 CR
Senior Experience (HSCI 194/196, 195/197)	8 CR	4 CR	4 CR (fulfills HSCI 195/197)
Total	58 CR	33 CR	25 CR

*16 professional elective credits will be fulfilled by 9 credits (CHEM 108/110 and BIO 103/103L); 7 credits additional health sciences electives

Mercy College of Health Sciences Courses Completed

Fourth Year

Fall Semester

Spring Semester

CLS Clinical Microbiology 4 CR

411	Didactic	CR
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CLS 412	Clinical Immunogematology Didactic	2 CR
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CLS 416	Clinical Chemistry Didactic	4 CR
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CLS 418	Clinical Laboratory Management Didactic I	1 CR
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Three of the following courses:

CLS 432	Clinical Immunohematology and Immunology Clinical Rotation I	2 CR
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CLS 433	Clinical Hematology, Urinalysis, Body Fluids and Microscopy Clinical Rotation I	2 CR
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CLS 435	Clinical Microbiology Clinical Rotation I	2 CR
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CLS 436	Clinical Chemistry Clinical Rotation I	2 CR
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Total Semester Credit Hours		14
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442	Didactic I	
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CLS 444	Clinical Hematology Didactic I	3 CR
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CLS 448	Clinical Laboratory Management and Education Methods Didactic II	1 CR
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CLS 432 OR CLS 433 or CLS 435 or CLS 436 (course not taken in fall)

Two of the following courses:

CLS 462	Clinical Immunohematology and Immunology Clinical Rotation II	2 CR
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CLS 463	Clinical Hematology, Urinalysis, Body Fluids and Microscopy Clinical Rotation II	2 CR
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CLS 465	Clinical Microbiology Clinical Rotation II	2 CR
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CLS 466	Clinical Chemistry Clinical Rotation II	2 CR
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Total Semester Credit Hours		14
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Summer

CLS 414	Urinalysis, Body Fluids and Microscopy Didactic	1 CR
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CLS 472	Clinical Microbiology Didactic II	2 CR
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CLS 474	Clinical Hematology Didactic II	2 CR
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CLS 478	Clinical Laboratory Management and Education Methods Didactic III	3 CR
CLS 485	Phlebotomy	1 CR
<i>Two of the following courses not taken in the spring:</i>		
CLS 462	Clinical Immunohematology and Immunology Clinical Rotation II	2 CR
CLS 463	Clinical Hematology, Urinalysis, Body Fluids and Microscopy Clinical Rotations II	2 CR
CLS 465	Clinical Microbiology Clinical Rotation II	2 CR
CLS 466	Clinical Chemistry Clinical Rotation II	2 CR
Total Summer Credit Hours		13

Program Details

Bachelor of Science in Health Sciences -- Health Services Management Track

Curriculum

[Print Friendly Version](#)

First Year					
FALL			SPRING		
FYS ---	First Year Seminar	3 CR	CHEM 002/4	Chemistry II	4 CR
HSCI 020	ISSUES IN HSCI I-COLLEGE CONN/CAREER PATH.*	1.5 CR	BIO 013	Pre-Professional Biology II & Lab	4 CR
ELEC ---	Drake Curriculum/Gen Elec.	3 CR	HSCI 025	ISSUES IN HSCI II - THE HEALTH CARE SYSTEM*	3 CR
BIO 012	Biology (Life Sci AOI)	4 CR	MATH 028	Business Calculus (Quant AOI)	3 CR
CHEM 001/3	Chemistry I (Phy Sci AOI)	4 CR			
Semester Total Credit Hours		15.5	Semester Total Credit Hours		14
Second Year					
FALL			SPRING		
HSCI 055	ISSUES IN HSCI III: ENTREPRENEURIAL LEADERSHIP*	3 CR	HSCI 125	Physiology (OR BIO129 OR PHAR 125-Fall offerings)	4 CR
PSY 001	Intro Psychology	4 CR	ACCT 042	Accounting II	3 CR
ECON 001/10	Macroeconomics	3 CR	IS 044	Information Tools	3 CR
ACCT 041	Accounting I	3 CR	ECON 002	Microeconomics	3 CR
BIO ---	Biomedical Sci Elective	3 CR	STAT 071	Statistics I	3 CR
Semester Total Credit Hours		16	Semester Total Credit Hours		16
Third Year					
FALL			SPRING		
STAT 072	Statistics II (Crit Think AOI)	3 CR	HSCI ---	Hlth Sci Electives	3 CR
FIN 095	Finance	3 CR	PSY ---	Psychology Elective	3 CR
MGMT 110	Mgmt Proc and Behav	3 CR	HSCI 105	ISSUES IN HSCI IV: VALUES/ETHICS (VE AOI)	3 CR
HSCI 095	Medical Terminology	1 CR	MKTG 101	Marketing Principles	3 CR
HSCI 172	EVALUATING RESEARCH LIT (INFO AOI)*	3 CR	ELEC ---	Drake Curriculum/General Electives	3 CR
ELEC ---	Drake Curriculum/Gen Elec.	3 CR			
Semester Total Credit Hours		16	Semester Total Credit Hours		15
Fourth Year					
FALL			SPRING		
ELEC ---	Drake Curriculum/Gen Elec.	3 CR	HSCI 155	ISSUES IN HSCI V: CAPSTONE EXPERIENCES*	3 CR
ELEC ---	Drake Curriculum/Gen Elec.	3 CR	HSCI 194/ 196	SENIOR RESEARCH I OR SENIOR EXPERIENCE I*	4 CR
HSCI 194/ 196	SENIOR RESEARCH I OR SENIOR EXPERIENCE I*	4 CR	ELEC ---	Drake Curriculum/Gen Elec.	6 CR
ELEC ---	Drake Curriculum/Gen Elec.	3 CR	ELEC ---	Bus/Mgmt Elective	3 CR
P-ELEC ---	Professional Electives	3 CR			
Semester Total Credit Hours		16	Semester Total Credit Hours		16

Total Program Hours: 124.5

Program Notes:

*Courses bolded and capitalized should be taken the semester listed, unless prior approval by the College is provided (i.e.. situations such as study abroad, transfer students).

Drake Curriculum requirements not fulfilled through required course work: Artistic Experience, Engaged Citizen, Historical Foundations (2 courses), Global and Cultural Understanding, and Written Communication.

Declare Health Sciences track by end of the first year. May declare a Business minor after successful completion of ACCT 041.

Courses below may be used to fulfill the elective categories. General electives refer to any college level course.

Professional Electives for the Health Services Management Track

Biomedical Science Electives

(min 3 credits)

*BIO 095-199
*CHEM 097-199
*NSCI 001-199
*PHY 001-199

Health Science Electives

(min 3 credits)

*HSCI 100-199
*PHAR 100-199
*EDUC 172 (Care/Prev
of Athletic Injuries)
*SPAN 150

Business Electives

(min 3 credits)

*ACCT 045-199
*BLAW 060-199
*ECON 003-199
*FIN 096-199
*INS 001-199
*MGMT 120-199
*MKTG 102-199

Psychology Electives

(min 3 credits)

*PSY 002-199
*SOC 081

Faculty

Professors

BELL, EDWARD (1989), Professor of Clinical Sciences, Pediatrics. B.S. Pharmacy, Pharm.D., University of Maryland-Baltimore.

CHESNUT, RENAE J. (1993), Associate Dean for Academic and Student Affairs and Professor of Clinical Sciences. B.S. Pharmacy, M.B.A., Ed.D., Drake University.

DUNCAN, WENDY C (2013) Dean College of Pharmacy and Health Sciences, Professor of Pharmaceutics. B.Sc. Phm., Ph.D., Pharmacy, University of Toronto.

JOHNSON, JUNE F. (1995), Department Chair - Clinical Sciences and Professor of Clinical Sciences, Ambulatory Care. B.S. Pharmacy, State University of New York-Buffalo; Pharm.D., University of Utah.

KOENIGSFELD, CARRIE S. (1999), Professor of Clinical Sciences, Ambulatory Care. Pharm.D., University of Iowa.

PANDIT, NITA K. (1991), Professor of Pharmaceutics. B.S. Pharmacy, University of Bombay; M.S., Ph.D., University of Wisconsin-Madison.

PHILLIPS, CHARLES R. (1993), Assistant Dean for Assessment and Professor of Pharmacy Administration. Pharm.D., University of Nebraska Medical Center; Ph.D., University of Oklahoma.

ROVERS, JOHN P. (1991), Professor of Clinical Sciences. B.S. Pharmacy, University of Toronto; B.S., Pharm.D., Massachusetts College of Pharmacy and Allied Health Sciences.

SOLTIS, ROBERT P. (1992), Department Chair-Pharmaceutical, Biomedical, and Administrative Sciences and Professor of Pharmacology. B.S. Pharmacy, Butler University; Ph.D., Indiana University.

TORRY, RONALD (1998), Professor of Pharmacology. B.S., Western Illinois University; M.S., Ph.D., Southern Illinois University-Carbondale.

WALL, GEOFFREY (1999), Professor of Clinical Sciences, Internal Medicine. B.S. Pharmacy, University of Utah; Pharm.D., Idaho State University.

WELTY, TIMOTHY E (2012) Professor of Pharmacy Practice and Chair of Department of Clinical Sciences. M.A., Trinity International University; PharmD, University of Minnesota - Twin Cities

Associate Professors

BOTTENBERG, MICHELLE (2006), Associate Professor of Clinical Sciences, Internal Medicine. Pharm.D., Drake University.

CROSS-BEEMER, RHONDA, (2008), Director - Health Sciences Experiential Education and Associate Professor of Health Sciences, B.S. Missouri Valley College, M.S. Eastern Kentucky University, Ph.D. University of Southern Mississippi.

EASTMAN, DARLA KLUG (2007) Associate Professor of Clinical Sciences, Internal Medicine. Pharm.D., Drake University.

FORNOFF, ANISA (2003), Associate Professor of Clinical Sciences, Ambulatory Care. Pharm.D., Drake University.

GRADY, SARAH (2008), Associate Professor of Clinical Sciences, Psychology. PharmD., University of Illinois at Chicago.

HAACK, SALLY (2004). Assistant Professor of Clinical Sciences, Ambulatory Care. Pharm.D., Drake University

HUEY, KIM (2009), Associate Professor of Health Sciences, B.S. Seattle Pacific University; M.S., University of Arizona; Ph.D. University of California-San Diego.

MAHAJAN, PRAMOD (2008), Associate Professor of Pharmacology. B.S., M.S., Marathwada University, Aurangabad, India, Ph.D., University of Poona, Poona, India.

MAKI, ERIK (2005). Associate Professor of Clinical Sciences, Internal Medicine. Pharm.D., University of Iowa.

MIESNER, ANDREW (2008), Assistant Professor of Clinical Sciences, Internal Medicine. Pharm.D., Drake University

MEYER, KRISTIN (2001), Associate Professor of Clinical Sciences, Geriatrics. Pharm.D., Drake University.

STELTER, NORA (2008), Coordinator - Introductory Clinical Sciences Experiences (P3) and Assistant Professor of Clinical Sciences, Pharm.D. University of Iowa.

WRENN, CRAIGE (2004), Associate Professor of Pharmacology. B.S., Olglethorpe University; Ph.D., Vanderbilt University.

Assistant Professors

ANDRESKI, MICHAEL (2009), Assistant Professor of Social and Administrative Pharmacy, B.S. Pharmacy, University of Iowa; M/B.A., Florida Southern College; Ph.D., University of Iowa.

BRYANT, GINELLE A (2009) Assistant Professor of Pharmacy Practice. B.A., University of Northern Iowa; PharmD, University of Iowa

CALIGIURI, FRANIK J (2013) Assistant Professor of Pharmacy Practice. PharmD, Drake University

CLARK, CHERYL (2009), Assistant Dean for Clinical Sciences, Director of Experiential Education, Coordinator - Introductory Clinical Sciences Experiences (P2) and Assistant Professor of Clinical Sciences, B.S. Pharmacy, Drake University.

DY, ELIZA A (2013) Assistant Professor of Pharmacy Practice. PharmD., Butler University

GENTRY, BRIAN (2010) Assistant Professor of Pharmacology, B.S. University of Missouri-Columbia; Ph.D. University of Michigan-Ann Arbor.

HARREL, JOHN (2014) Assistant Professor of Health Sciences. BSE, University of Dayton; MS, University of Tennessee; PhD, University of Wisconsin

KJOS, ANDREA (2009) Assistant Professor of Social and Administrative Pharmacy. Pharm.D., Drake University, Ph.D. University of Minnesota

LEHMAN, NICHOLAS (2011) Assistant Professor of Clinical Sciences, Ambulatory Care. Pharm.D., University of Iowa

MENGESHA, ABEBE (2011) Assistant Professor of Pharmaceutics. B.S., M.S. Addis Ababa University, Ethiopia, Ph.D. University of Tubingen, Germany.

MOBLEY-BUKSTEIN, WENDY S (2012) Assistant Professor of Community Pharmacy Practice. PharmD, Drake University

PERCIVAL, KELLY (2014). Assistant Professor of Pharmacy Practice, PharmD, Drake University

SACCO, JAMES (2012), Assistant Professor of Pharmaceutics, B.S., M.S., University of Malta, Ph.D., University of Florida.

ULRICH, ERIN E (2013) Assistant Professor of Social and Administrative Pharmacy. B.A., M.Sc., University of Iowa; Ph.D., ABD, University of Michigan

Emeriti Faculty

BJORNSON, DARREL, Associate Professor Emeritus of Pharmacy.

BRADY, LINDA H., Associate Professor Emerita of Nursing.

FINN, SIDNEY L., Associate Professor Emeritus of Pharmaceutics.

GRANBERG, C. BOYD, Dean and Professor Emeritus of Pharmacy.

KRYPEL, LINDA (1988), Professor of Clinical Sciences.

LEVINE, PHILLIP J., Professor Emeritus of Pharmaceutics.

MORROW, RICHARD J., Professor Emeritus of Pharmacology.

SELLERS, SANDRA L. Professor Emerita of Nursing.