

# Undergraduate General Catalog

2009-2010
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# General Information

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# | Drake University

## History and Character of Drake University

It was an ambitious undertaking.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Dr. David E. Maxwell became the University's 12th president on May 15, 1999. Upon his arrival, he immediately began working with faculty, staff and students to clearly define the mission, values, vision and goals of Drake and to develop a long-term strategic plan for the University. 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 2007 NCAA Midwest Regional Outdoor Track and Field Championships May 25-26, 2007.

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.

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# | Drake University

## 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.

Preprofessional 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 and public administration, as well as the Doctor of Pharmacy, Doctor of Jurisprudence and Doctor of Education degrees. The following joint degrees are also offered: MBA/JD, MBA/PharmD, MPA/PharmD, and MPA/JD.

Drake University is accredited by the Higher Learning Commission of the North Central Association of Colleges and Secondary Schools. A list of college, school and program accreditations is posted at </academics/accreditatioins.php>

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# | Drake University

## 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 Web site.

To schedule a visit or register to attend a Visit Day, please contact Drake's Office of Admission at 1-800-44-DRAKE, extension 3181, toll-free, or locally and outside the U.S. at 1-515-271-3181 or visit the admission Web site at <http://www.choose.drake.edu>.

### Application For Admission

Application for admission to 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  
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](mailto:admission@drake.edu)  
World Wide Web: <http://www.choose.drake.edu>

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

**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- and funds-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:*

Application deadline: December 1

***Transfer PharmD students:***

Admission consideration is only at the professional program level. Applications are available through Pharmacy College Application Service (PharmCAS) at <http://www.pharmcas.org>. Supplemental application and fee required. Application Deadline for the PharmCAS application and Supplemental application and fees: December 1.

Applicants for the National Alumni Scholarship must apply for admission and submit all other required admission documents by the December 1, 2009, postmark deadline.

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.

## **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. Applications for the National Alumni Scholarship and all other required admission documents must be postmarked by December 1, 2008.

Each completed application for admission is reviewed individually. Drake University considers this criteria 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-I).
- 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. 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 Science 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, 2008, is the deadline for direct admission to the CPHS. The application and all required documents must be postmarked no later than December 1, 2008. All required documents must reach the Office of



Admission no later than December 10, 2008. Notification of admission decisions for priority applicants is made in January.

## **First-Year Student Application Requirements**

- Completed application for admission with the \$25 non-refundable application fee (waived for students who apply online.)
- Official high school transcript.
- Official test scores from either the American College Test (ACT) or the Scholastic Aptitude Test (SAT-I).
- High School Report and Counselor Recommendation Form.
- Personal essay 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-I examination should contact the Office of Admission. Students who were enrolled at other colleges or universities 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) credentials. Prospective students who did not take an ACT or SAT examination while in high school or within four years of leaving high school are required to take the Minnesota Scholastic Aptitude Test (MSAT) and 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. Transfer applicants with a minimum cumulative grade point average of 2.0 ("C") on a 4.0 scale, or the equivalent, for all college work attempted at an accredited institution are considered for admission to Drake University. However, a 2.5 minimum cumulative GPA is recommended for admission. Transfer applicants must be in good academic standing at the last institution attended. Admission to specific programs and majors may require a higher GPA.

Transfer applicants are encouraged to submit the application for admission and supporting documents by March 1 for entrance to the fall term and by December 1 for entrance to the spring term.

## **Transfer Student Non-pharmacy Application Requirements**

- Completed application for admission with the \$25 non-refundable application fee (waived for students who apply online.)
- Official transcripts from **all** postsecondary institutions attended, including summer terms.
- If fewer than 24 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-I scores. Or, when appropriate, an alternative test may be required.
- Personal essay is strongly encouraged.

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 to, 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 preprofessional level. All professional-program applicants must complete the application through the Pharmacy College Application Service (PharmCAS) available at <http://www.pharmcas.org>, as well as the supplemental application. The Drake University application cannot be accepted for this program.

Drake's application deadline is December 1, 2008 for fall 2009 admission, and early application is strongly recommended. Applicants must sit for the PCAT no later than October 2008 and scores must be submitted directly to PharmCAS at code [0104].

## **International Student Admission Requirements**

Applications for admission to undergraduate degree programs or to the Intensive English Program are submitted to the Office of Admission. Students are strongly

encouraged to apply for admission before March 1, the priority deadline for scholarship and financial aid consideration. Applications may accepted, however, throughout the year if space is available. Students may apply for admission for the fall or spring terms. Pre-pharmacy and PharmD 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. They are also eligible to receive aid based on financial need. [For more information, see the Financial Aid section of the catalog.](#)

Applicants wishing to improve their language proficiency before beginning an academic program may apply for admission to both an academic program and the Intensive English Program. Drake offers conditional admission to all 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), 197 (CBT) or 530 (PBT). Students with scores between 54 and 71, 157 and 197, 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, 157 or 480 are asked to enroll in English classes on a full-time basis.

Drake University is authorized by federal law to enroll nonimmigrant 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. Other national examinations may yield advanced-standing credit. 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 course-by-course evaluation. Partial completion of the IB requires a course-by-course evaluation. [For more information, see the Advanced Placement and College 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. Applicants considering completing a Drake degree on a part-time basis through evening classes should contact the department chair in disciplines of their proposed majors to make certain all required courses are available as evening classes.

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

## **Transfer of Credit**

Drake considers for admission transfer applicants with a minimum cumulative GPA of 2.0 ("C") on a 4.0 scale, or the equivalent, for all college work attempted. However, a 2.5 minimum cumulative GPA is recommended for admission. Once a student is admitted, the Office of Admission coordinates the evaluation of official transcripts documenting previous college-level work completed.

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.

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.

Transfer 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 nondegree, extension or correspondence courses offered through an accredited collegiate institution that accepts the credit for its own degree or (b) courses satisfactorily completed in noncollegiate organizations that are recommended at the baccalaureate level by the American Council on Education.

Transfer students may be awarded credit for satisfactory scores in subject-matter tests of the College Level Examination Program. [For more information, see the Advanced Placement and College Credit by Examination 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 vocational-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 (178 hours for pharmacy) toward a bachelor's degree.

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

A preliminary degree audit of transfer credit is forwarded to prospective students following admission. When final, official transcripts have been received, a final degree audit is completed and mailed to the student.

The degree audit represents evaluation of remaining major, minor and other degree requirements to earn a Drake degree. Audits are prepared by a representative of the dean's office of the Drake college or school in which the student plans to enroll. 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 financial aid. Nondegree 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.

Once 24 credit hours have been accumulated, the student will be contacted concerning his/her academic goals, past performance and intent to be admitted to the University. 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 at all postsecondary institutions attended.

Applicants are required to meet the same standards for admission as transfer students. The Office of Admission evaluates credit for the courses completed, including hours earned at Drake. 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 and at </cgi-bin/reenrollment.cgi>. 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 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 provide a copy of their high school transcript, rank in the top one-third of their classes and have scored a composite of 90 on the PSAT, 900 (critical reading and math only) on the SAT-I, 21 on the ACT PLAN or 21 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.

## **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.

## **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 Visiting Student Form, available at the Office of Admission. 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.

# 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, live at home or live with relatives. 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 \$100 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 \$100 housing deposit is fully refundable until May 1.

For more information about Drake University, write:

Office of Admission  
Drake University  
2507 University Avenue  
Des Moines, Iowa 50311-4505

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](mailto:admission@drake.edu)  
Web: <http://www.choose.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.

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# Tuition and Fees

Official tuition and fees are set by the Office of Business and Finance and administered through Student Accounts. The most up-to-date version of the Drake University Tuition and Fees are located on their Web site including contact information.

[/accounts/](#)

# 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 \$50 million in financial assistance is provided to Drake students annually.

All official information about scholarships and financial aid are on their Web site including the Financial Aid Handbook.

[/finaid/](#)

# | Drake University

## Scholarships and Grants

More than 5,000 scholarships and grants are awarded annually to Drake University students. These scholarships include awards based on demonstrated financial need, academic achievement, and artistic or athletic talent. Funds are provided by the University and through the generosity of friends and organizations interested in Drake students. When students apply for financial aid at Drake University, they are automatically applying for available need-based monies. The FAFSA or Renewal FAFSA is the only application required for need-based aid.

## Drake University Scholarships

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

#### Drake National Alumni Scholarships

The Drake University National Alumni Association awards prestigious scholarships each year to outstanding first-year students entering directly from high school. Applicants for the National Alumni Scholarship 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, room and board in University housing, and student fees.
- Ten George T. Carpenter Scholarships providing for the cost of full tuition.
- Trustee Scholarships of \$1,000 toward tuition are awarded to all eligible students who complete the National Alumni Scholarship application process and participate in a Scholarship Day.

Merit scholarships are available for a maximum of eight semesters (fall and spring terms only) with renewal based on the maintenance of full-time enrollment and maintaining the required cumulative GPA on a 4.0 scale: Alumni and Carpenter 3.25, Trustee 2.0. Additionally, Alumni Scholars must live in Drake University housing to renew the room and board portion of their full scholarship award. Alumni and Carpenter Scholarships supersede all other Drake merit awards.

Applicants for National Alumni Scholarships must:

- have one of the following minimum test scores: ACT composite score of 30 or SAT combined score of 1300 (qualifying scores cannot be derived by combining sub scores from different testing dates);
- rank in the top 5 percent of their class and/or have a cumulative GPA of 3.75 or above on a 4.0 scale; and
- participate in one of the National Alumni Scholarship Days on campus.

Participation in a Scholarship Day is required for further consideration for the Alumni, Carpenter and Trustee scholarships. Provisions are made via telephone, fax and e-mail for applicants outside the continental United States.

Alumni Scholarship applicants must ensure that all admission materials and National Alumni Scholarship application materials fulfill eligibility criteria and are postmarked by December 1. There are no exceptions to this deadline.

Applicants must send the following directly to the Office of Admission: an application for admission, an official school transcript, ACT or SAT test results (may be submitted on official school transcript) and the \$25 application fee (waived for students who apply online). Applicants must submit to the Drake Office of Alumni and Parent Programs the National Alumni Scholarship Application Form, which is only available online, and the National Alumni Scholarship Essay.

**Presidential Scholarships** range from \$6,500 to \$12,000 per year. All prospective students who have applied and been admitted by the priority deadline of March 1 are automatically considered for these awards. Recipients of these tuition scholarships are chosen on the basis of academic achievement.

### **Merit-Based Scholarships for Transfer Students**

All full-time transfer students are considered for merit-based scholarships at the point of admission. Scholarships may be awarded in the fall or spring semester and are renewable for additional semesters, depending on the number of credits transferred, as long as consecutive full-time enrollment and good academic standing is maintained. Students with previous bachelor's degrees are not eligible. To be considered, students must first submit an application for admission to Drake's Office of Admission. Please note: The cumulative GPA is based on coursework from all post-secondary institutions attended.

**Presidential Transfer Awards** ranging from \$5,000 to \$8,000 are awarded to prospective transfer students. All transfer students who have applied and been admitted are automatically considered for these awards. Recipients of these tuition awards are chosen on the basis of academic achievement.

**Phi Theta Kappa Scholarships** of \$1,000 are awarded to community college transfer students who meet the following criteria: Applicants must seek full-time enrollment at Drake; submit verification form from PTK advisor documenting current PTK membership; 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 4.0 scale from all post-secondary schools attended. Other than the verification form and the application for admission, no separate scholarship application is required. The PTK scholarship is given in addition to the Presidential Community College Scholarship.

**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**

**Fine Arts Scholarships** are available to select students who display exceptional talent in art, music or theatre arts and who are seeking a fine arts degree. Information and applications for these scholarships are available from each of Drake's Fine Arts departments (art, music and theatre arts). Fine Arts scholarships are tuition-specific (may only be used toward full-time tuition costs for Fall and/or Spring semesters).

**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 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 to children, grandchildren and great-grandchildren of Drake graduates. The awards are \$1,500 per year. The award, which is not based on financial need, is given in addition to other awards received and can be applied only to the cost of full-time tuition. No separate application is required.

**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.

## **Federal and State of Iowa Grants and Scholarships**

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.

**The Federal Pell Grant** provides assistance to undergraduate students who have demonstrated financial need. For 2009-2010, the maximum award is \$5,350.

**Federal Academic Competitiveness Grant (ACG)** provides additional Freshmen and Sophomore students who receive a Federal Pell Grant in the same term. ACG recipients must have graduated from high school (GED students are not eligible) having completed a rigorous high school curriculum. For 2009-2010, Freshman awards (up to \$375 per term) can be made to students who graduated after January 1, 2006; Sophomore awards (up to \$650 per term) require high school graduation after January 1, 2005. Other specific enrollment period, credits earned and college 3.00 cumulative GPA must also be achieved.

**Federal National Science and Mathematics Access to Retain Talent (SMART) Grant** provides additional funding for Junior and Senior students who receive a Federal Pell Grant in the same term. The maximum grant award is \$2,000 per term. SMART Grant recipients must have a minimum 3.00 college cumulative GPA and must have declared one of the following majors at Drake: astronomy, molecular/cell biology, biology, chemistry, computer science, earth science,

mathematics, neuroscience, environmental science or physics. Other specific enrollment period and credits earned criteria must also be achieved.

**Federal Supplemental Educational Opportunity Grants (FSEOG)** 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 2009-2010, the maximum grant is \$4,000.

Several states provide transportable grants and scholarships that may be applied to your education at Drake. Your high school guidance counselor can help determine if your state offers this option.

### **ROTC Scholarships and Grants**

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 and calculated financial need (as determined by the student's FAFSA application and other awards already received). Recipients are chosen by the Office of Student Financial Planning and/or the student's academic department. In most cases, endowed awards are used to replace already-awarded Drake need-based or merit-based grants or scholarships.

Several outside scholarships are available to students. Outside scholarships are typically awarded by corporations, civic groups and other groups, and most often require 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 [www.drake.edu/finaid/resources.php](http://www.drake.edu/finaid/resources.php).

Please note that outside awards are used in meeting financial need. If outside awards 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 Funds**

The Federal Stafford Loan Program allows students to borrow low-interest loans from participating lending institutions. In the 2009-2010 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 may have expanded borrowing capabilities. Students must file a FAFSA to determine their loan eligibility.

Repayment with a fixed interest rate of 5.6 percent for subsidized and 6.8 percent for unsubsidized begins six months after the student is no longer enrolled at least half-time.

Federal Perkins Loans are available as funds permit. The Perkins loan program allows undergraduate students with financial need to borrow directly through Drake University up to \$4,000 per year. Repayment with a fixed interest rate of 5 percent begins nine months after the student is no longer enrolled at least half-time. Since Perkins funds are limited, typical Drake awards are \$3,000 or less.

Health Profession Student Loans are awarded to students as funds permit and generally do not exceed \$3,000 per year. To qualify for consideration, students must be enrolled full-time in the Doctor of Pharmacy program and file a FAFSA.

The Federal Plus Loan (Parent 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 not required for the Federal PLUS. Payment and interest charges begin within 30 to 60 days following disbursement of funds or, the loan payment may be deferred on the same schedule as the student Stafford loan. The interest rate for PLUS is fixed at 8.5 percent.

## **Student Employment**

Human Resources administers and 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 Web site [www.drake.edu/hr/student/employment.php](http://www.drake.edu/hr/student/employment.php).

Additional employment opportunities in the Des Moines community are available to students who qualify for Federal Work Study, which is determined by the Office of Student Financial Planning. To be considered for Federal Work Study, a FAFSA must be completed.

# **Employer Tuition Deferred Payment Plan (ETDP)**

A deferred plan is available for part-time students when their employer agrees to reimburse the student for all or part of tuition costs once the course is completed. A separate application must be filed for each term and may be faxed to 515-271-4004. In addition, there is a \$35 nonrefundable processing fee for each term. The maximum amount for the payment plan may not exceed the amount the employer will reimburse at the end of the term or tuition cost for nine credit hours, whichever is less. Repayment is required within 45 days following the end of the term or withdrawal. No co-signature is required. Applications are available for download at [www.drake.edu/accounts/index.php](http://www.drake.edu/accounts/index.php). Applications must be received at the Office of Student Accounts no later than two weeks prior to the beginning of each term. For questions regarding the ETDP plan, please contact the Office of Student Accounts at 515-271-2151.

## **Financial Aid for Adults and Part-Time Students**

Part-time students admitted and enrolled in a degree program may apply for many financial aid programs by filing a Free Application for Federal Student Aid (FAFSA). Eligible students may be awarded

- Iowa Tuition Grant (July 1 FAFSA filing deadline)
- Federal Pell Grant
- Federal Stafford Loans
- Federal Academic Competitiveness Grants (ACG Grants)
- Federal Science and Mathematics Access to Retain Talents Grants (SMART Grants)

The Iowa Tuition Grant program requires minimum enrollment of 3 credits; the Federal Stafford Loan ACG, and SMART grants require a minimum enrollment of 6 credits. For more information, contact the Office of Student Financial Planning.

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# **| Drake University**

## **Academic Regulations**

### **Credit Hour/Semester Hour**

The credit hour or semester hour, terms used interchangeably, is the unit of instruction. A minimum of one hour of recitation or lecture work per week for a semester (or its equivalent) constitutes one hour of credit. A minimum of two hours of laboratory work per week for a semester (or its equivalent) also constitutes one hour of credit. A semester is usually 16 weeks in length. Each year, Drake offers two semesters and a summer term.

### **Student Classification**

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 GPA 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 grade of "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"; and 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 GPA.

The GPA is determined by dividing the number of grade points earned by the number of credit hours attempted. Grades of "F" are computed in the GPA, 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 GPA. 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 GPA 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). 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 the final grade for the course in the event the work is not completed. The statement is filed with the dean of the student's college or school. A copy 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 (if the work is not completed after one semester has passed). Marks of incomplete are not computed in the GPA.

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. 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 or credit hours 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 Program**

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 GPA.

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 GPA of 2.75 before registering for a course on a credit/no credit basis. A senior with at least a 2.00 cumulative grade-point average 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 recompute a student’s GPA 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 Lists**

The President’s List and Dean’s List are announced after each fall and spring semester of the academic year. The President’s List includes the names of all undergraduate students who have satisfied certain other requirements and earned a GPA of 4.00. The Dean’s List include those undergraduate students with similar qualifications in each college and school who have achieved a GPA of 3.50 and above.

## **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 Policy

1. Each college/school has an Academic Integrity Policy Committee:
  - a. 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;
  - b. to implement policies and procedures for dealing with academic dishonesty; and
  - c. 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.
  - a. 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.
  - b. 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.
  - c. 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:
  - a. how the appeals process is initiated, and by whom;
  - b. a timetable, including the date by which an appeal must be initiated;
  - c. steps to be taken in the appeals process;
  - d. the nature of the documentation of evidence required or permitted;

- e. 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, an interim term and two summer sessions. The "cumulative GPA" 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 GPA 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 grades are received from the Office of Student Records. Between the fall and spring semesters, when time is of the essence, assistant/associate deans may gather information before grades are processed by 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 5 working days after grades are made viewable on the Web. 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:
  - a. has a cumulative GPA less than 2.00 after enrolling as a full-time student at the beginning of the semester; or
  - b. 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;
  - c. has a cumulative GPA 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:
  - a. has a cumulative GPA less than 2.00 but at or above 1.50 after one semester on probation, and/or
  - b. 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:
  - a. has a cumulative GPA of 2.00, and
  - b. 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**

1. A student shall be suspended from the University for at least one academic year if he/she:
  - a. is a full-time student and has a cumulative GPA less than 1.00 after the first semester at the University, or
  - b. is a full-time student and has a cumulative GPA less than 1.50 after one semester on probation, or
  - c. is a full-time student and has a cumulative GPA less than 2.00 after two consecutive semesters on probation;
  - d. 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;
  - e. is a part-time student and has a cumulative GPA 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.

## **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).

## **Policy on Probation and Intercollegiate and Major Leadership Activities**

Any student must have a cumulative GPA 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, noncredit 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 vice provost for student affairs and academic excellence who will assist the student in obtaining additional academic support services.

## **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.

An undergraduate student may change a schedule by adding 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. When an undergraduate student drops or withdraws from a class after the first two weeks 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. An undergraduate student may drop or 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.

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 as well as the notation "Withdrew" and the date of the withdrawal. 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 GPA 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.

## **Student Records 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](#)”).

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. Students may not see their parents’ Financial Aid Form or other financial records. Where records involve two or more students, the student may view only that part of the record that pertains to him/her. 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. In addition, 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 file, they should call it to the attention of the supervisor of that record and if the supervisor agrees, the material can be deleted or amended. If the supervisor of the record does not agree to the 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.

All student files and records are subject to lawful subpoenas and court orders.

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

**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 records or information therein to the extent necessary to process the student's financial aid request and for such related purposes as to:
  - a. determine eligibility for the aid;
  - b. determine the amount of the aid;
  - c. determine the conditions for the aid; and/or
  - d. enforce the terms and conditions of the aid; and
4. Finally, 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. § 152.)

The University's policy regarding disclosure of student information to parents is explained to parents and students at summer orientation. The release form is available on the web through the Student Services tab in [blueView](#) (the campus web portal). A separate release form is required for each office from which information is requested.

Questions regarding FERPA, University policy or parental access to student education records can be addressed to Margie Davidson, Director, Office of Student Records and Academic Information, 515-271-2025 ([margie.davidson@drake.edu](mailto:margie.davidson@drake.edu)) or to Wanda Everage, Vice Provost for Student Affairs and Academic Excellence at 515-271-3751 ([wanda.everage@drake.edu](mailto:wanda.everage@drake.edu)).

*Adopted by the Faculty Senate, May 9, 2002*

Supplemented by Provost to reflect University Policy concerning release of student education records to parents and guardians, November, 2007

# **Drake University Student Complaint and Appeal Resources and Procedures**

## **The Informal Complaint Process**

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

## **Officially Documented Complaints**

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

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# | Drake University

## AP, IB, CLEP Credit (For Students Entering Fall 2005)

### For Students Entering Fall 2005 or Later

[Download \(pdf\) Advanced Credit and Placement chart.](#)

Drake University awards advanced standing credit through several programs. In consultation with faculty advisers, all credits accepted are applied toward completion of Drake Curriculum, 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 after arrival on campus. Official transcripts must be provided to the Office of Student Records and Academic Information directly from the issuing organizations prior to the beginning of a student's first semester at Drake.

#### **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 preprofessional 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.

## 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.

Exam	required score	hours earned	DU equivalent
Art History	4	3	ART 75
Art General	4	3	Elective
Art Drawing	4	3	Elective
Biology	4	8	BIO 1, 18
Calculus AB*	3	4	MATH 50

Calculus AB subgrade	3	4	MATH 50
Calculus BC*	3	8	MATH 50, 70
Chemistry	4	8	CHEM 1, 2, 3, 4
Comparative Govt.	4	3	POLS 65
Computer Science, A	3	3	CS elective
Computer Science, AB	3	3	CS 65
Economics, Macro	4	3	ECON 1
Economics, Micro	4	3	ECON 2
English Literature**	4	6	ENG 1 + Elective
English Composition**	4	6	ENG 1 + Elective
Environmental Science	4	3	ENV 35
European History	4	6	HIST elective
French Language	4	8	Elective
French Literature	4	8	Elective
German Language	4	8	Elective
Human Geography	4	3	GEOG 2
Latin	4	8	Elective language
Music Theory	4	4	Evaluated on an individual basis
Physics B	3	8	PHY 11, 12
Physics C Mechanics	3	4	PHY 1
Physics C Elect & Magn	3	4	PHY 2
Psychology	3	4	PSY 1
Spanish Language	4	8	Elective
Spanish Literature	4	8	Elective
Statistics	3	3	STAT 71
U.S. Govt. & Politics	4	3	POLS 1
U.S. History	4	6	HIST 75, 76
World History	4	6	HIST 1, 2

\* Not more than 8 semester hours of Advanced Placement credit for calculus will be granted.

\*\* Not more than a total of 6 semester hours of Advanced Placement English credit will be granted.

# 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	DU equivalent
Art higher	5	3	Art elective
Art standard	5	3	Art elective
Biology higher	5	8	BIO 1, 18
Biology standard	5	4	BIO 1
Business & Mgt higher	4	6	Elective
Business & Mgt standard	4	3	Elective
Chemistry higher	4	8	CHEM 1, 2, 3, 4
Chemistry standard	5	4	CHEM 1, 3
Comp Science higher	4	6	CS 65 + CS elective
Comp Science standard	5	3	CS 65
Cultural Anthropology higher			NOT YET EVALUATED
Cultural Anthropology standard			NOT YET EVALUATED
Dance higher			NOT YET EVALUATED
Dance standard			NOT YET EVALUATED
Design Technology higher	4	7	Physical Science + lab + elective
Design Technology standard	4	3	Physical Science + lab
Economics higher	5	6	ECON 1, 2
Economics standard	5	3	ECON 1
Eng Lang A1 & A2 higher	5	6	Elective
Eng Lang A1 & A2 std	5	3	Elective
Eng. Lang B higher	5	6	Elective
Eng. Lang B standard	5	3	Elective
French higher	4	8	Elective

French standard	5	4	Elective
Geography higher	4	8	SCSG 1 no lab + GEOG elective
Geography standard	5	3	SCSG 3
German higher	3	6	Elective
German standard	3	6	Elective
History higher	4	3	HIST elective
History standard	4	3	HIST elective
Information Technology higher	4	3	Elective
Information Technology standard			No credit
Islamic History higher	4	3	HIST elective
Islamic History standard	4	3	HIST elective
Latin higher	4	6	Elective
Latin standard	5	3	Elective
Math Studies standard	5	4	MATH 20
Math Methods standard	5	4	MATH 20
Math higher level	4	8	MATH 50 + elective
Advanced Math standard	5	4	MATH 54
Music higher	5	3	MUS 5
Music standard	4	3	MUS 80
Philosophy higher			NOT YET EVALUATED
Philosophy standard			NOT YET EVALUATED
Physics higher	4	8	PHY 11
Physics standard	4	4	PHY 11
Psychology higher	4	4	PSY 1
Psychology standard	4	3	PSY 1
Social Anthro higher	4	6	ANTH 2 + ANTH elective
Social Anthro standard	5	3	ANTH 2
Spanish higher	4	8	Elective
Spanish standard	5	4	Elective



Theatre higher	4	4	Elective
Theatre standard	4	3	Elective
World Religions higher			NOT YET EVALUATED
World Religions standard			NOT YET EVALUATED

## 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.

Exam	Required score	ACE std	Hours earned	DU equivalent
American Government	50	50	3	POLS 1
Biology	50	50	4	BIO 1
Chemistry	50	50	4	CHEM 1, 3
Chemistry	76		8	CHEM 1, 3 & 2, 4
Calculus w/ Elementary Functions	50	50	4	MATH 50
Algebra/Trigonometry	50	50	3	MATH 20
Trigonometry	50	50	1	MATH 21
Pre-Calculus	50	50	4	MATH 20
Sociology, Introductory	50	50	3	SOC 1
Psychology, Introduction	50	50	4	PSY 1
Accounting, Principles	55	50	6	ACCT 41, 42
Macroeconomics, Principles	50	50	3	ECON 1
Microeconomics, Principles	50	50	3	ECON 2

Des Moines Area Community College serves as a computer-based examination site for CLEP in the Des Moines area. Students may contact the DMACC Assessment

Center at 515-964-6595 to schedule testing.

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# | Drake University

## 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 (AOI) 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: [/dc](#).

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

**Areas of Inquiry:** The Areas of Inquiry 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 Area of Inquiry listed below, with the exceptions of the historical consciousness and science 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 Area of Inquiry are available on the [Drake Curriculum Web site](#).

- Written Communication
- Information Literacy
- Critical Thinking
- International and Multicultural
- Historical Consciousness
- Artistic Experience
- Life and Physical Science
- Quantitative
- Values and Ethics
- The Engaged Citizen

Students select courses for each Area of Inquiry 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 Area

of Inquiry 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 Area of Inquiry (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 Areas of Inquiry requirements. Also, a single course can count for no more than one Area of Inquiry. In cases where a given course is listed under two (or more) areas, the course may be counted toward one or the other. Approved course lists for each Area of Inquiry 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 must still take a First Year Seminar and a Senior Capstone. Students who later decide to drop the Honors Program Track must complete the Areas of Inquiry 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 AOI lists for either physical or life sciences.
- One course from AOI list for Quantitative Area.
- One course from AOI 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 final 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.

**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. Descriptions of the Senior Capstone requirements in each major are available on the [Drake Curriculum Web site](#).

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# | Drake University

## Graduation Requirements

Candidates qualifying for an undergraduate degree must complete successfully 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 209 credit hours.

Drake University accepts up to 66 credit hours of college-level transfer credit applicable to an associate degree from an 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 (BSE) degree regularly employed as teachers may take some of the last 30 hours in extension classes. However, candidates for the BSE 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.

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# | Drake University

## Commencement

### Application

Students must file an application for graduation by the deadline posted at </studentrecords/commencement/Graduationapplication.php>. The form is used by college or school personnel for degree clearance, preparation of the annual Commencement program and diploma presentation, and it is the student's first step toward participation in the annual 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 following established graduation date in 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 the College office, the Office of Student Records will 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 GPA for 60 or more undergraduate hours at Drake University are recognized in the Commencement program with the following honors:

Cum Laude — GPA 3.50-3.69

Magna Cum Laude — GPA 3.70-3.89

Summa Cum Laude — GPA 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 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 GPA 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 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 University Commencement Committee.

## **Eligibility for Ceremony Attendance**

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

Students who expect to complete degree requirements in either May or August are encouraged to participate in the ceremony in the year they finish their degrees.

Participation in the May ceremony can be granted on an individual basis to students finishing their degrees the following December. Students must submit a written request and obtain their dean's permission no later than 30 days prior to the ceremony.



# Appeal

When a dean denies a December graduate's petition to participate in the May ceremony before the degree is completed, the student may appeal the decision to the Office of the Provost. The appeal must be in writing with supporting documentation attached.

## Exception Criteria

The following are the criteria for granting ceremony participation on the exception basis for students with a cumulative GPA of 2.0 or higher.

A student must have completed the summer and fall registration process, and those courses must fulfill the full degree requirements. The student also must meet one of the following:

- The student will graduate with multiple degrees or majors, and requirements for one degree will be complete in May or August, OR
- The student has only the student teaching requirement remaining to be completed during the upcoming fall semester, OR
- The student can document a serious hardship associated with participation in the commencement ceremony on the day established.

Complete information about commencement is available at </studentrecords/commencement>.

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# | Drake University

## 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 to this residence rule are granted if the student 1) is married, 2) lives at home or 3) lives with a relative. The latter two exemptions require the student to be residing in a 45-mile radius of Des Moines. 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 with phonemail. 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, including Hubbell Dining Hall, Spike's and Olmsted Center. 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. Its dining facilities include Spike's, Drake's late-night pizza and sub sandwich shop.

**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, a convenience store, meeting rooms and conference facilities.

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## Resources for Study

### Libraries

Cowles Library (<http://library.drake.edu/>), the main library for the University, is an integral part of the learning experience for Drake students. Library collections and services serve as a primary resource for course work and research, and for the development of student information literacy skills. Librarians and staff are available to assist individual users and offer a variety of instructional opportunities, including Library 046, a course designed to promote effective use of information resources and critical thinking.

The library is both a repository of content and a gateway to a vast array of print and electronic information. The collections include more than 700,000 books, e-books and journals, 100,000 federal and state government documents, 777,000 microform records, 140 electronic databases and approximately 29,000 scholarly online journals. The collections also include DVDs and music CDs, as well as a digital repository of scholarship and historical material unique to Drake. The library also provides interlibrary loan and document delivery services to obtain materials not owned by the library.

The library web site serves as an access point to the online catalog and subject sources, including a wide variety of databases, indexes, full-text electronic journals, e-books, encyclopedias and other reference tools. All these services are accessible through the campus computer network and to off-campus users enrolled at Drake. Assistance can also be obtained through the Ask a Librarian virtual reference service. A number of library resources and services can also be reached via mobile devices.

The library facility contains an Information Commons with 60 computer workstations and a full service support center that is staffed 72 hours per week. Netbooks are available for check-out. Other features of the facility include wireless computer access, a coffee-cafe, a restored grand reading room and events center, and the adjacent James Collier-Drake Heritage Room.

### Drake Telemedia Center (DTC)

Located in the lower level of Meredith Hall, the Drake TeleMedia Center provides audiovisual (A/V) equipment to Drake faculty and staff, as well as the following services:

- Video and multimedia production
- DVD authoring and burning
- Electronic classroom design and installation
- Technology training
- Audio/Video teleconferencing

- Audio/Video streaming and podcasting services

DTC is also the central programming point for The College Channel, seen citywide on cable channel 46. Residence Life Cinema and CampusNet teletext, both on-campus cable services, are also programmed and maintained by DTC. DTC provides multimedia, IT and training support to the entire campus community.

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## 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. A fall academic seminar series addresses the basics of academic success and is open to all students. Students are also encouraged to utilize the various resources (labs, supplemental instruction, writing workshop) offered through the academic departments as noted on the Drake Web site at [/acadassist](#). 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 Vice Provost. 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 require less one-on-one and ongoing attention than direct-from-high-school students; however, in addition to orientation in the fall and spring semesters, PMACs are available to work with transfer and nontraditional students. Contact the Office of the Provost at 515-271-3751 to be paired with a PMAC.

## Professional and Career Development Services

Drake's Professional and Career Development Services (PCDS) focuses on professional career development rather than 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**

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

## **Internship and Career Fair**

PCDS hosts an all-university Internship and 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**

PCDS 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 service learning experience*

*Resume/Cover Letter Development*

*Mock Interviews*

*Portfolio Development*

## **Graduate/Professional School**

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

More information is available at [www.drake.edu/career](http://www.drake.edu/career)

## **Center For International Programs And Services**

Drake's Center for International Programs and Services 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:

The International Center  
Drake University  
2507 University Avenue  
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  
[/international](#)

## Study-Abroad

Drake's study-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 Study Abroad, contact The International Center (see above) or go to [/international/studyabroad/](#)

## International Student Services

Drake hosts approximately 300 international students and scholars from more than 60 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](mailto:admission@drake.edu)  
 World Wide Web: <http://www.choose.drake.edu>

More information for international students can be found at The International Center (see above) or go to [/international](#)

## **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 Intensive English Program, contact The International Center (see above) or go to [/international/esl](#)

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# Evening and Weekend Classes

Courses offered evenings and weekends provide opportunities for career development and cultural enrichment for students who cannot take classes during the day.

Evening and weekend graduate students may complete these programs:

- Master of Accounting
- Master of Business Administration
- Master of Communication Leadership
- Master of Financial Management
- Master of Public Administration
- Master of Science (School of Education)
  - Rehabilitation Administration
  - Rehabilitation Counseling
  - Rehabilitation Placement
  - Community Counseling
  - Elementary School Counseling
  - Secondary School Counseling
  - Adult Learning, Performance and Development
- Master of Science in Education (including summer classes)
  - Effective Teaching, Learning and Leadership with emphases in the following strands:  
Curriculum Leadership, Early Childhood (IA endorsement 103), Middle School (IA endorsement), Reading-Elementary (IA endorsement), Reading–Secondary (IA endorsement), Reading Professional (IA endorsement as a reading specialist), Urban Education, Talented and Gifted
  - Education Leadership (Principal licensure for PK–12)
  - Special Education
- Specialist in Education
  - Education Leadership
  - Education Leadership with Superintendent Licensure
- Doctor of Education
  - Education Leadership

Undergraduate degrees are attainable by combining day and evening classes.

# | Drake University

## Extension Classes

The Extension Division, located in the School of Education, coordinates off-campus classes across the state of Iowa. A variety of courses is scheduled each semester at locations across Iowa. For information on extension classes, call 515-271-2182 or visit <http://www.drakecontinuinged.com>. Courses taken through the extension division of the School of Education may lead to endorsements or may be used in some master's degrees for licensed educators. In addition, several distance learning courses are available through the extension office in online or video formats for those who wish to renew teaching licenses or advance by credits on local salary schedules.

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## Summer Session

The Drake University Summer Session is an extension of the regular academic year but includes special workshops, institutes and lectures on a variety of contemporary issues. Day and evening graduate and undergraduate courses are offered in most of the departments, colleges and schools of the University. Many summer course offerings are Web-based.

The Summer Session is divided into a three-week interim term, two five-week terms, two four-week terms, two six-and-a-half-week graduate business terms and an eight-week Law School term. Current Drake students may enroll through Drake's online registration system. Non-Drake students may enroll by contacting the Office of Student Records and Academic Information, 515-271-2025.

## Admission Information

Drake University has a policy of open admission to the Summer Session for those students not enrolled in a Drake University degree program provided course enrollment does not exceed a total of 12 credit hours as a non degree seeking student.

New high school graduates, currently enrolled high school students, undergraduates enrolled at other institutions, students holding bachelor's degrees interested in taking courses but not seeking a graduate degree from Drake University, or individuals seeking courses for personal interest or professional advancement may register contacting the Office of Student Records and Academic Information at 515-271-2025.

Non degree or visiting students must meet all prerequisite courses before beginning classes at Drake. New students seeking admission to undergraduate degree programs should complete the Application for Admission form available from the [Office of Admission](#).

New students seeking admission to graduate degree programs must file an Application for Admission to Graduate Degree Programs. Forms may be obtained from the Graduate Admission Office or online at <https://www.applyweb.com/aw?drakeg>.

The special admission requirements and procedures for the Law School are the same as for the regular year. Information is available from the Law School.

Students attending the Summer Session may earn up to four credit hours in the interim term and six credit hours in each of the other summer terms. Exceptions must be approved by the dean of the appropriate college or school.

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## Special Programs

### Drake University Language Acquisition Program (DULAP)

The Drake University Language Acquisition Program (DULAP) is a unique learner-centered approach to language education/learning.

DULAP offers several languages: Arabic, Chinese, French, German, Japanese, Russian and Spanish.

DULAP mentors students as they gain functional proficiency 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 native speakers and language acquisition specialists.

#### **DULAP COURSES:**

Language study in DULAP is a 4-credit commitment. Directed Independent Language Study (DILS), where students practice communicating in the language of study, is a 3-credit course. The additional credit is a 1-hour, co-requisite language learning strategies course. This is required of all language students for the first two semesters they study language in DULAP.

#### **DILS**

Focusing on the development of functional communicative competency, students learn to use the language rather than merely learning about the language. To foster a communicative classroom environment in which all students are active participants, course sections are limited to a maximum of four students.

Students meet for three hours a week with a native speaker of the language of study. The native speaker functions as a model and a resource person. Students also work with their Language Coordinator, a professional linguist who mentors their progress.

Students are primarily evaluated through midterm and final exams and an ePortfolio. All midterm and final exams include an oral interview with the outside examiner, with content based on the materials assigned in the syllabus. Questions may include materials not directly assigned but ones appropriate to the student's experience and skill level. Outside examiners are professionals in the target language, often professors from other universities. They are also consulted in the development of courses. Examiners know where students' skill levels should be and are needed to give an objective assessment of student progress. The ePortfolio is a collection of work produced by a student throughout his/her time in DULAP. It is a

means of documenting student progress overtime. Contained in the ePortfolio are a student's audio, video and writing samples and reflective journal.

## **Language Learning Strategies**

In their first two semester of language study, all students take Language Learning Strategies. This one-credit course meets once a week with students from all languages. It is led by the language coordinators and is designed to guide students through beginning language study at Drake. Through the Language Learning Strategies courses, students are introduced to strategies for more effective language learning, receive instruction on the technology required for the program and discuss concepts of culture and cultural identity.

## **Taking DULAP Courses**

Students interested in taking classes in DULAP must submit the online application (available on the DULAP website: [/international/dulap/](http://international/dulap/)). Students that have previous experience studying the language must complete the placement process to ensure that they begin study in DULAP at the level for which they are prepared. Students are registered for DULAP course by the program; students do not register online for DULAP courses.

Drake University does not have a general language requirement; several academic programs require language study (International Business, International Relations, Vocal Performance, Education endorsements in Spanish, French, German, and ESL, and the Global Ambassador Certificate).

In addition to academic offerings, DULAP organizes additional opportunities for students and members of the Des Moines community to engage with language.

The Drake International Film Festival is cosponsored by DULAP and the Center for Global Citizenship, with support from the U.S. Department of Education. Many films are shown every semester, with introductions by Drake faculty and staff.

Occasionally, DULAP sponsors other activities, such as karaoke night and an origami workshop.

## **The Honors Program**

The Honors Program is an all-University concentration in interdisciplinary studies that serves as an alternative path to fulfilling the requirements of the Drake Curriculum, and strives to:

- cultivate individual achievement and creativity by providing students with a venue to pursue projects at higher levels of expectation or those that do not neatly fit within prescribed disciplines.
- provide a rigorous interdisciplinary perspective, breaking students out of their channeled interests and instilling an appreciation of the intellectual achievements of all aspects of Drake.
- be a University leader in interdisciplinary education, paving the way for such programs as First Year Seminars and Learning Communities.

To complete the Honors Program Track of the Drake Curriculum, students take 19 credits in the Honors Program, including a required seminar titled Paths to Knowledge, which explores the different ways in which people come to understand the world. Honors Program students also take classes in three of the Areas of Inquiry: the Artistic Experience, a laboratory science and quantitative literacy. This track allows students to explore simultaneously the creative, interdisciplinary nontraditional topics that are the hallmark of the Honors Program and fulfill the Drake Curriculum's goal of providing students with diverse intellectual experiences, introducing them to various areas around which intellectual inquiry is organized.

Students may develop further leadership skills through the Honors Student Council, which actively solicits Honors course topics and faculty, helps shape program policies and plans events and service projects.

All motivated students are encouraged to participate in the Honors Program and are invited to complete a creative essay, which serves to declare their interest in the program. Students who meet or exceed the following criteria will automatically be sent an application form:

- Rank in the top 5 percent of their high school class or have a minimum 3.75 cumulative GPA on a 4.0 scale; and
- Have an ACT composite score of 29 or an SAT-I combined score of 1270.

Admission to the Program is not restricted to those meeting the above criteria.

First-year students considering the Honors Program are expected to enroll in Honors 1, Honors Orientation, a one-credit class during the fall semester. In addition, the program sometimes organizes first-year learning community experiences in coordination with the First-Year Seminar (FYS) program. A recent example was an intensive two-course study on American Democracy. Such experiences are highly recommended for Honors students whenever they are appropriate.

Students in the Honors Program earn University Honors by completing both the Honors Program Track of the Drake Curriculum and a three-credit Honors senior thesis project, while maintaining a 3.5 cumulative GPA upon graduation.

Advising is typically done with the students' designated first-year and academic advisers, but Honors students are encouraged to bring to the Honors Program director their questions about course selection and career goals.

## **Global Ambassador Certificate Program**

The Global Ambassador Program is designed to complement a student's central program of academic study. Undergraduate students from any school or college are eligible to apply. The purposes of the Global Ambassador Program are to:

1. provide students with a combination of concentrated study, personal experience and reflection that will inform their understanding of global issues and perspectives,

2. provide students with the intercultural skills that will allow them to make the most of future international opportunities in business, the professions or public service.

To accomplish these goals, students will meet a set of requirements combining academic and cocurricular experiences. Upon completion of the program, students will receive a certificate that recognizes their achievement and lists the activities in which they engaged. A notation acknowledging their successful completion of the program will also appear on the student's university transcript.

## **Requirements:**

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

- **Take DILS 148 Intercultural Communication.** An equivalent course from study abroad may be substituted.
- **Complete two semesters of language study** through DULAP or an equivalent amount of training through study abroad or college transfer credits. Pre-college training (high school) in a second language other than English may not be substituted for this requirement. However, students whose second language is English may arrange an alternative experience in place of additional language training. Examples might include serving as a language partner in the DULAP program, voluntary language tutoring on- or off-campus or translation service to community groups.
- **Complete any credit-bearing study abroad experience.** This may include semester- or year-long programs, summer international study seminars or an internship experience abroad that has been accepted for Drake credit.
- **A minimum of 50 work hours (not credit hours) of service learning.** This requirement will most often be met by volunteering for a local community group or organization that has an international focus. The center director will make available a preapproved list of such organizations. Students may also propose their own volunteer or internship experience. These may include experiences in other cities or countries (internship or volunteer experiences connected to study abroad may also count).
- **Regular attendance at CGC-sponsored events, other internationally oriented events on campus or in the community and regular participation in the activities of the Global Ambassador Program.**

**Students must attend at least four events each semester that they are enrolled as a Global Ambassador.**

- **Global Ambassador Capstone Experience (2 credits)** As a culmination of the Global Ambassador Program, students will participate in a group learning experience that includes two components:
  1. A set of directed readings, writing assignments and discussions focused on the concept of global citizenship and how it applies to their lives.
  2. A group project designed to put the concept of global citizenship into practice by educating the campus and/or community about a global issue or cultural perspective. The capstone should be completed in a student's senior year. The directed study and project will be supervised



by the CGC director. 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 150 Global Citizenship, taught by the respective professor.

### **Optional Program Component:**

Students may participate in either a Model United Nations or Model European Union program. This experience is not a required component of the Global Ambassadors Program, but the Model UN/EU experience will be included among the activities listed on the Global Ambassadors Program certificate for those students who complete one or both.

### **Application Process:**

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

## **Air Force Aerospace Studies**

### **Air Force Reserve Officer's Training Corps**

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

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

Prior to entry into the POC, all students must complete field training at an Air Force base. Students who have completed the GMC phase participate in a four-week program that provides a concentrated experience in the Air Force environment. The training program includes junior officer training, aircraft and aircrew orientation, survival training, base functions and physical training. A five-week training program is provided for those students entering the POC phase who do not complete all of the GMC. This program includes all that is offered in the four-week program, plus the academic and leadership laboratory experiences normally contained in the on-campus GMC courses.

Selection for the professional officer course is on a competitive basis, and cadets enrolling in this course must meet certain academic, mental, physical and moral standards. Qualified cadets may compete for classification as flight candidates and

receive flight instruction during their final years in the POC phase. Upon enrollment in the POC, all cadets are required to complete a contractual agreement with the Air Force, which obligates them to four years of active duty in the United States Air Force if in a nonflying category; 10 years of active duty in the United States Air Force if a pilot; or 6 years as a navigator. Uniforms and texts are supplied to the cadets, and those in the POC receive a subsistence allowance from \$450 to \$500 per month. Entry into the program is not dependent on departmental major or year in Drake University.

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

This section temporarily unavailable while agreements concerning scholarship information are being clarified.

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

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## **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: </life/studentlife/>, 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), Panhellenic Council (Panhel) and National Pan-Hellenic Council (NPHC) to provide students with opportunities for self-development in value-based leadership organizations.

The following international social fraternities have a chapter at Drake: Phi Delta Theta, Phi Gamma Delta, Pi Kappa Alpha, Pi Kappa Phi, Sigma Alpha Epsilon, Sigma Chi, Sigma Phi Epsilon, Tau Kappa Epsilon and Theta Chi.

The following international sororities have a chapter at Drake: Alpha Delta Pi, Alpha Phi, Delta Gamma, Kappa Alpha Theta and Kappa Kappa Gamma.

The following national Pan-Hellenic groups have a chapter at Drake: Delta Sigma Theta Sorority Inc. and Omega Psi Phi Fraternity, Inc..

Other National Pan-Hellenic fraternities and sororities have been involved at Drake in years past and can reaffiliate with proper intake procedures.

### **Honor Societies**

Alpha Lambda Delta is the scholastic honor society for first-year students. Mortar Board and Omicron Delta Kappa are the leadership honor societies 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.

## **Department of Intercollegiate Athletics**

Drake's Department of Intercollegiate Athletics offers a comprehensive competitive program for both men and women. Sports for men include football, soccer, basketball, cross country, indoor and outdoor track and field, golf and tennis. Women compete in basketball, crew, golf, soccer, volleyball, softball, tennis, cross country and indoor and outdoor track and field. Drake is a member of the National Collegiate Athletic Association, Division I; the Missouri Valley Conference; and the Pioneer Football League. International and national attention is focused on Drake University each spring when top track athletes compete in the Drake Relays, one of the largest university track and field meets in the world, held the last weekend in April.

## **Multicultural Student Organizations**

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

## **Religious Life**

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

## **Recreational Services**

Drake students, faculty and staff are offered a wide variety of recreation/leisure opportunities. Recreation facilities include an indoor swimming pool; aerobics room; a weight room; a fitness room; nine basketball courts, which can be set up for volleyball or badminton; two indoor tracks and an outdoor track; four racquetball courts; 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 programs, fitness programs, lectures and clinics related to current health issues. The goal of the program is to promote fitness and healthy lifestyles. Individual fitness and nutrition assessment and counseling are available.

Club sports are available for individuals who wish to compete against other universities. Current clubs include women's volleyball and men's and women's tennis, women's soccer, men's basketball, Triathlon, and Ultimate Frisbee .

The Wellness Program offers group exercise programs, fitness programs, lectures and clinics related to current health issues. The goal of the program is to promote fitness and healthy lifestyles. Individual fitness and nutrition assessment and counseling are available.

## **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.

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# | Drake University

## Board of Trustees

## 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, and 10 Senators-at-Large, elected at large.

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.

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# College of Art and Sciences

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simplexml_import_dom($xml); echo $filepulled->introduction_mission; echo  
$filepulled->introduction_other; ?>
```

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- [Graduation Requirements](#)
- [Academic Regulations](#)
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# College of Arts and Sciences

## Areas of Study

### College of Arts and Science

The divisions of Humanities, Natural Sciences and Social Sciences offer study leading to the **Bachelor of Arts** and **Bachelor of Science** degrees in the following major areas:

#### Bachelor of Science

- [Anthropology and Sociology](#)
- [Astronomy](#)
- [Biochemistry, Cell and Molecular Biology](#)
- [Biology](#)
- [Chemistry](#)
- [Computer Science](#)
- [English](#)
- [Environmental Policy](#)
- [Environmental Science](#)
- [History](#)
- [International Relations](#)
- [Law, Politics and Society](#)
- [Mathematics](#)
- [Mathematics Education](#)
- [Neuroscience](#)
- [Philosophy](#)
- [Physics/Physics Engineering](#)
- [Politics](#)
- [Psychology](#)
- [Religion](#)
- [Rhetoric and Communication Studies](#)
- [Sociology](#)
- [Study of Culture and Society](#)
- [Writing](#)

#### Bachelor of Fine Arts

- [Graphic Design](#)
- [Studio Art](#)
- [Theatre](#)
- [Musical Theatre](#)
- [Theatre Acting](#)
- [Theatre Directing](#)
- [Theatre Design](#)

#### Bachelor of Arts

- [Art History](#)
- [Graphic Design](#)
- [Studio Art](#)
- [Music](#)
- [Quantitative Economics](#)
- [Theatre](#)

#### Bachelor of Music

- [Music Business](#)
- [Music Performance \(Applied Music\)](#)

#### Bachelor of Music Education

- [Music Education](#)

#### Minors

- [Military Studies](#)
- [Music](#)
- [Theatre](#)
- [Art](#)
- [Geography](#)
- [Piano Pedagogy](#)

#### Concentrations

- [Jazz Studies](#)
- [Women's Studies](#)
- [Latin American Studies](#)
- [Primate Studies](#)
- [Behavior Analysis of Developmental Disabilities](#)

#### Additional Options

- [Language Acquisition Program \(DULAP\)](#)

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# | Drake University

## Anthropology and Sociology

### Degree Option

Bachelor of Arts with an interdisciplinary major in anthropology and sociology (ANSO).

### Description of Program

The major in anthropology and sociology offers a multidimensional perspective on self and society. These fields, concerned as they are with meaning, difference and power, cultivate reflexive, interpretive and empathetic forms of cultural analysis. Drawing together biography, history and ethnography, the major encourages students to critically reflect on the cultural and social diversity of human experience and to seriously engage social problems.

The combined anthropology and sociology major (ANSO) includes courses in anthropology and sociology, encouraging a multidisciplinary perspective on self and society. Concerned with meaning, difference and power, ANSO cultivates reflexive, interpretive and empathetic forms of cultural analysis. Drawing together biography, history and ethnography, the major encourages students to reflect critically on human diversity from cultural and social perspectives. The anthropology curriculum at Drake focuses on cultural anthropology.

Students who choose the ANSO major benefit from the related yet distinct foci of the disciplines so as to better facilitate their understanding of and participation in a world that is internationally and multiculturally linked.

### Requirements for Major

A minimum of 37 credit hours of anthropology and sociology courses that include the following:

1. Two entry-level courses: Introduction to Cultural Anthropology (SCSA 002) and one entry-level sociology course: choose from SCSS 1–25.
2. Two theory-intensive courses (one sociology, one anthropology)\*. Choose from: SCSA 101 and SCSS 70, SCSS080, SCSS 133, SCSS 135, SCSS 151, SCSS 170, SCSS 173, SCSS 174, SCSS 175, SCSS 176.
3. Two methods-intensive courses (one sociology, one anthropology)\*. Choose from STAT 50, SCSA 156, SCSS 77, SCSS 156, SCSS 158, SCSS 159.
4. Senior Capstone Experience (4 credits)\*. Choose SCSS 199 and Senior Experience Course.
5. All ANSO majors should complete an additional 15 hours in anthropology and sociology. At least 15 of the 37 hours must be drawn from each disciplinary area.

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.

# Minor in Anthropology

## Description of Program

Anthropology is the scientific and humanistic study of humanity in all times and places. The minor in anthropology at Drake focuses on cultural anthropology, which explores human beliefs and behaviors cross-culturally and historically. As such, it presents a global perspective on the varieties of human experience. At root, cultural anthropology strives to make the strange familiar and the familiar strange. The minor in anthropology at Drake provides students with an opportunity not only to more clearly understand the practices and precepts of others, but also to better understand themselves and their positions in the worlds they inhabit.

## Requirements for 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.

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.

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# | Drake University

## Astronomy

### Degree Option

Bachelor of Science with a major in astronomy.

### Description of Program

The Department of Physics and Astronomy offers a major directed toward a career in astronomy. The first-year and sophomore program includes a combined concentration in astronomy, physics and mathematics.

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.

Approximately 15 students are enrolled in the major. Average class size is 7 students; many classes are shared with physics majors.

### Requirements for Major

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.

All programs include the following common core of astronomy and physics courses in the first two years:

First and sophomore years

- Astronomy 1 & 1L (Descriptive Astronomy and Lab)
- Physics 5 (Topics in Physics)
- Physics 1 (Introductory Physics I)
- Astronomy 41 (General Astronomy)
- Physics 2 (Introductory Physics II)
- Physics 50 (Modern Physics)
- Physics 59 (Advanced Laboratory I)
- Physics 61 (Error Theory)
- Physics 191 (Physics Seminar)

Minimum degree requirements also include:

- Astronomy 185 (Introduction to Astrophysics I — Stars)
- Astronomy 195 (Introduction to Astrophysics II — Galaxies and Cosmology)
- Physics 121 (Theoretical Mechanics)
- Physics 122 (Introduction to Electromagnetic Theory)
- Physics 182 (Thermodynamics and Statistical Physics)
- Physics 192, 193 (Physics Seminar II, III)

Select one course from the following:

- Physics 149 (Advanced (Laboratory II)
- Physics 159 (Advanced Laboratory III)

A Senior Capstone Experience is required, which may be either an NSF-sponsored REU experience between the junior and senior years, or one of the courses Physics 197 or 198 — Research Participation taken during the senior year.

Requirements for all programs 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 adviser may recommend additional courses chosen from electives. The following courses are highly recommended for students going to graduate school:

- Physics 133 (Electronics)
- Physics 181 (Quantum Theory)
- Physics 188 (Advanced Classical Physics)
- Chemistry 2 and 4 (General Chemistry II with laboratory)

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# **| Drake University**

## **Biochemistry, Cell and Molecular Biology**

### **Degree Options**

Bachelor of Arts and Bachelor of Science degrees. The Bachelor of Science degree meets the Biochemistry and Molecular Biology Society guidelines.

### **Description of Program**

The biochemistry, cell and molecular biology (BCMB) major prepares students for careers in one of the most exciting areas of science: the interface between biology, chemistry and physics. The development of techniques, like genetic engineering and microscale analysis, have brought an increasingly molecular focus to the traditional scientific disciplines of chemistry, biology and the health sciences. Biochemistry, cell and molecular biology are at this interdisciplinary crossroads. The BCMB program introduces students to the chemistry of living organisms and the experimental techniques that are used to probe the structures and functions of biologically important molecules.

The Bachelor of Science major is intended to meet the needs of students seeking careers in molecular life science industries (biotechnology, drug, food, agriculture and clinical industries), students preparing for health professional schools (medical, veterinary, dental and optometry), and students interested in graduate programs in molecular life sciences (biochemistry, cell and molecular biology, genetic engineering and medicinal chemistry). The major meets the guidelines of the American Society for Biochemistry and Molecular Biology.

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 bioinformatics, forensics, management, marketing, education, public relations, biophysics, biotechnology law and others upon approval of the BCMB Board of Directors.

The Drake BCMB program emphasizes student-centered curricula, early participation in research and broad-based skills development. Students typically become authors on abstracts and manuscripts and work closely with professional scientists.

There are currently about 160 students in the program. This size allows faculty and peers to help students with academic issues, as well as provide mentoring for research experiences, professional networking and planning for postgraduate education and career choices.

Research is very important in the BCMB Program. B.A and B.S. students participate in research. Students begin research as soon as possible; some begin their first year or second year. Faculty and collaborating scientists provide a wide range of

potential research projects in which students may engage.

During their junior and senior years, students participating in the Advanced Molecular Life Sciences course are directly involved in collaborative research. Students write and orally present their research projects during their senior year as part of the Capstone experience. Students often present their research at professional scientific meetings and in scientific journals.

## Requirements for Major

The B.A. and B.S. majors require students to demonstrate knowledge of course-based content and compile a portfolio. They differ in their content requirements as shown below.

### Course-Based Content

#### Bachelor of Arts Degree:

- Biology 1, 12, 13, 18 or 19 and laboratories (Biological Sciences) 8 credits
- Biology 105 (Genetics) 3 credits
- Biology 165 (Cell Biology) 4 credits
- Chemistry 1/3, 2/4 (General Chemistry) 8 credits
- Chemistry 107/109, 108/110 (Organic Chemistry) 8 credits
- Chemistry 130/131 (Biochemistry) 4 credits
- Chemistry 132/133 (Advanced Biochemistry) 4 credits
- Biology 186 (Molecular Biology) 3 credits
- Biology 187L (Molecular Biology Laboratory) 2 credits
- Chemistry 137 (Advanced Molecular Life Sciences Laboratory)  
OR BCMB 199 (Research)  
OR BCMB 198 (Internship 3-12 credits)
- BCMB 195 (Senior Seminar) 1 credits
- Statistics or Calculus 3-4 credits
- \*Career Focus Area 15 credits
- Two advanced electives from a selection of the following:
  - Biology 116 (Bioinformatics) 3 credits
  - Biology 126/126L (Developmental Biology and laboratory) 4 credits
  - Biology 182 (Immunology) 3 credits
  - Biology 188/188L (Structural Biology) 5 credits
  - Biology 189 (Regulatory Biology) 2 credits
  - BCMB 161 (Biophysical Chemistry and Laboratory) 4 credits

#### Bachelor of Science Degree

- Biology 1, 12, 13, 18 or 19 and laboratories (Biological Sciences) 8 credits
- Biology 105 (Genetics) 3 credits
- Biology 165 (Cell Biology) 4 credits
- Chemistry 1/3, 2/4 (General Chemistry) 8 credits
- Chemistry 107/109, 108/110 (Organic Chemistry) 8 credits
- Chemistry 130/131 (Biochemistry) 4 credits
- Chemistry 132/133 (Advanced Biochemistry) 4 credits
- BCMB 161 (Biophysical Chemistry)

- OR Chemistry 165 (Physical Chemistry)
- OR Chemistry 182 (Advanced Analytical) 3-4 credits
- Biology 186 (Molecular Biology) 3 credits
- Biology 187L (Molecular Biology Laboratory) 2 credits
- BCMB 137 (Advanced Molecular Life Sciences Laboratory) 3 credits
- OR BCMB 199 (Research) 1-3 credits
- OR BCMB 198 (Internship) 3-12 credits
- BCMB 195 (Senior Seminar) 1 credit
- Physics 11, 12 8 credits
- Mathematics 50 (Calculus) 4 credits

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# | Drake University

## Biology

### Degree Options

Bachelor of Arts and Bachelor of Science degrees with a major in biology.

### Description of Program

Courses offered in the Biology Department allow students to choose from several areas of study, including preparation for graduate programs, careers in the health sciences, or industry or other areas in the biological sciences. Drake University's biology program is notable for having a large number of new faculty actively engaged in research and a rich diversity of courses in traditional and modern areas of biology

Students who earn a B.S. or B.A. degree in biology and who meet the entrance requirements may apply to schools of medicine, dentistry, optometry, podiatry, osteopathic medicine, 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 and conservation biology.

### Requirements for Major

Minimum of 32 credit hours in biology, which must include 6 courses having laboratory experiences (courses with "L" designations) and the following requirements:

- Biology 12 and 13 (General and Pre–Professional Biology)
- Biology 191 and 192 (Seminar in Biology)
- Biology 199 (Senior Capstone Experience)

And one course from each of the following five categories (asterisk \* denotes courses with laboratory component):

- Molecular and Cellular Processes
  - Biology 105 (Introduction to Genetics)
  - Biology 165\* (Cell Biology)
  - Biology 186\* (Molecular Biology)
  - Biology 188\* (Structural Biology)
- Biological Diversity
  - Biology 019\* (Introduction to Botany)
  - Biology 101\* (Comparative Anatomy of Vertebrates)
  - Biology 103\* (Microbiology)
  - Biology 121\* (Parasitology)



- Biology 123\* (Biology of Invertebrates)
- Systems Biology
  - Biology 018\* (Introductory Anatomy and Physiology)
  - Biology 126\* (Developmental Biology)
  - Biology 127\* (Histology)
  - Biology 129\* (Mammalian Physiology)
  - Biology 182\* (Immunology)
- Ecology/Evolution
  - Biology 114\* (Understanding Evolution)
  - Biology 117\* (Ecology)
  - Biology 125\* (Conservation Biology)
  - Biology 152\* (Field Botany)
  - Biology 168\* (Limnology)
- Applications of Biological Principles
  - Biology 21 (selected Topics in Biology)
  - Biology 024\* (Field Ornithology)
  - Biology 061 (Natural History Photography)
  - Biology 095 (Principles of Microbiology)
  - Biology 098 (Introduction to Primatology)
  - Biology 099 (Biological Research and Statistical Methods)
  - Biology 104 (Introduction to Virology)
  - Biology 106\* (Research in Genetics)
  - Biology 108 (Emerging Infectious Diseases)
  - Biology 110\* (Iowa Natural History)
  - Biology 115\* (Aquatic Biology)
  - Biology 116 (Bioinformatics)
  - Biology 119\* (Herpetology)
  - Biology 120\* (Ecosystem Ecology)
  - Biology 122\* (Mammalogy)
  - Biology 124\* (Collaborative Research)
  - Biology 134\* (Biology of Exercise and Sport)
  - Biology 138 (History of Biology)
  - Biology 141 (Biology of Terrorism)
  - Biology 145 (Selected Topics in Biology)
  - Biology 156 (Biology Short Course)
  - Biology 158 (Biomedical Aspects of Aging)
  - Biology 167\* (Population and Community Ecology)
  - Biology 176\* (Neurophysiology)
  - Biology 185 (Human Genetics)
  - Biology 187\* (Molecular/Cell Biology Lab)
  - Biology 189 (Regulatory Biology)
  - Biology 193\* (Senior Lab Assistant)
  - Biology 195\* (Advanced Molecular Life Science Lab)
  - Biology 197\* (Undergraduate Research)
  - Biology 198 (Independent Study in Biology)

Additional requirements for the major include:

- Mathematics 20 (College Algebra or higher)
- Chemistry 1/3 and 2/4 (General Chemistry I and II)

- Chemistry 107/109 and 108/110 (Organic Chemistry)
- Physics 11 and 12 (General Physics I and II)

**B.A. Degree:** Students pursuing the B.A. degree also must take one course of at least 3 credit hours in either calculus, statistics or Computer Science 65.

**First-Year Students:** First-year students who plan to major in biology are encouraged to enroll in Biology 15 (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 adviser in biology.

**B.S. Degree:** For the B.S. degree, Computer Science 65 or a course in calculus is recommended. The BS degree program is designed to provide experience in research, and students pursuing this degree must complete Biology 99 (Biological Research and Statistical Methods) or its equivalent, and Biology 197 (Undergraduate Research). All undergraduate research projects must be planned with the assistance of the faculty adviser and given approval by the Biology Department prior to the research experience.

No more than 2 credit hours of Biology 197 or its equivalent can be applied toward the Biology major. At the conclusion of their research project, students in the BS program must deliver a formal presentation on their research to the department and submit to the department a written or electronic document. Students are required to present their research project in the Biology 192 Seminar course, and must be enrolled in Biology 192 during the semester they give their presentation.

**Program of study for minor:** Completion of 20 credit hours in biology, at least 3 of which must be from 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.

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# | Drake University

## Chemistry

### Degree Options

Bachelor of Arts in chemistry and Bachelor of Science in chemistry.

### Description of Program

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.

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.

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

### Requirements for Major, BS

The required program for the Bachelor of Science degree with a major in chemistry:

- Chemistry 1 and 3, 2 and 4 (General Chemistry)
- Chemistry 81 (Quantitative Chemical Analysis)
- Chemistry 107 and 109, 108 and 110 (Organic Chemistry)
- Chemistry 148 (Research in Chemistry) - at least 2 credit hours
- Chemistry 165, 166 (Physical Chemistry)
- Chemistry 180 (Advanced Inorganic Chemistry)
- Chemistry 182 (Chemical Instrumentation and Methods of Analysis)
- Chemistry 198 (Integrated Advanced Chemical Research) - twice; 4 credit hours
- Chemistry electives — two of the following three
  - Chemistry 130 and 131, 132 and 133 (Biochemistry and Advanced Biochemistry)
  - Chemistry 155 (Advanced Organic Chemistry)
  - Chemistry 190 (Selected Topics in Chemistry)

Supplementary Courses: BS chemistry majors must take Calculus, Mathematics 50 and 70; and one year of physics. Mathematics 100 is recommended for students taking Chemistry 166.

## Requirements for Major, BA

The required program for the Bachelor of Arts degree with a major in chemistry:.

- Chemistry 1 and 3, 2 and 4 (General Chemistry)
- Chemistry 81 (Quantitative Chemical Analysis)
- Chemistry 107 and 109, 108 and 110 (Organic Chemistry)
- Chemistry 148 (Integrated Advanced Chemical Research) - 2 credit hours
  
- Chemistry 165 (Physical Chemistry)  
Advanced Chemistry Electives - Choose one of the following:
- Chemistry 165 (Physical Chemistry), Chemistry 182 (Instrumental Analysis),  
or
- Chemistry 161 (Biophysical Chemistry)  
Advanced Molecular Sciences electives — (Note: If you are double majoring in chemistry and another discipline, the advanced class must be selected from outside your second major's requirements. For example, if you double major in physics and chemistry, your advanced class should not be a physics major requirement, though it can be a physics major elective.) Choose 8 credit hours selected from:
  - Chemistry 130 and 131 (Biochemistry)
  - Chemistry 155 (Advanced Organic Chemistry)
  - Chemistry 166 (Intermediate Physical Chemistry)
  - Chemistry 180 (Advanced Inorganic Chemistry)
  - Chemistry 182 (Chemical Instrumentation and Methods of analysis)
  - Chemistry 190 (Selected Topics in Chemistry)
  - Biology 188 (Structural Biology)
  - Physics 180 (Atomic and Molecular Physics)
  - Pharmacy 140 (Pharmaceutics)Other advanced courses with a strong chemical component as approved by the chemistry department.

**Supplementary Courses:** BA chemistry majors must take one semester of physics and Mathematics 50 (Calculus) (unless you choose Chem 166, for which Calculus up to and including Mathematics 100 is recommended.)

## Requirements for Minor

A minor in chemistry may be earned by completing 24 credit hours in the following sequence of chemistry courses:

- CHEM 1, 2, 3, 4 (General Chemistry)
- CHEM 81 (Quantitative Chemical Analysis)
- CHEM 107, 108, 109, 110 (Organic Chemistry)
- One course chosen from CHEM 130 (Biochemistry),
- CHEM 155 (Advanced Organic Chemistry), or

- CHEM 165 (Physical Chemistry)

A minimum GPA of 2.0 must be achieved, and credit/no credit courses may not be used.

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# **| Drake University**

## **Computer Science**

### **Degree Options**

Bachelor of Arts and Bachelor of Science degrees with a major or minor in computer science.

### **Description of Program**

The major in computer science, offered by the Department of Mathematics and 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.

A degree in computer science can serve as preparation for technical careers such as computer programming, software engineering, systems analysis or system administration. A student with a BA or BS in computer science is also prepared to serve other disciplines as a problem solver, or to pursue graduate study in computer science. Because of their problem-solving skills, computer science graduates with knowledge of other disciplines may find themselves sought as candidates for graduate study in those fields.

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

This program brings a problem-solving focus to the study of computer science and applications of computer science. Most upper-level classes are small enough to allow close interaction between students and faculty members. Interested students may also find opportunities for independent studies on topics of interest or to work with faculty members on student research projects.

### **Requirements for Major**

All programs are to be planned in careful consultation with a departmental adviser and must have the approval of the adviser. Requirements for a major in computer science fall into 3 categories.

#### **Category 1**

15 hours required.

The following core courses are required:

- CS 65 (Introduction to Computer Science I)
- CS 66 (Introduction to Computer Science II)
- CS 130 (Computer Organization and Assembly Language Programming)
- CS 135 (Programming Languages)
- CS 137 (Data Structures and Algorithm Analysis OR CS 139 — Theory of Computation)

## Category 2

15 to 17 hours with approval of the adviser from the following:

- At least 9 hours from other computer science courses numbered 100 or above (excluding CS 140)
- Information systems courses numbered 145 or higher
- Mathematics 70, Statistics 71, Statistics 72
- Upper-division courses in mathematics, statistics, actuarial science or quantitative methods (Mathematics 101 and CS 114 may not both be counted; Mathematics 140 and the capstone course may not be counted)
- Other courses chosen with the approval of the department adviser

## Requirements for Minor

Students who choose a minor in computer science must have a departmental minor adviser and complete a minimum of 21 hours of computer science and related courses, including (1) CS 65, 66, 130, 135; (2) an additional upper-division computer science courses, or IS courses numbered 145 or higher (excluding CS 140 — the tutoring course, and the Capstone course) and (3) Mathematics 54 (Discrete Mathematics). Completion of Mathematics 80, (Linear Algebra) is strongly recommended and is a prerequisite for CS 147, CS 150, and CS 165.

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# | Drake University

## English

### Degree Options

Bachelor of Arts with a major and minor in English.

### Description of Program

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 and 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.

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, both the English major and the Writing major permit 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.



# Requirements for English Major

The English major consists of 36 hours of coursework: a common core of 24 hours, plus 12 hours of electives. Students may take up to 6 hours of electives in relevant coursework outside of English, with adviser approval. At least 18 hours of the required 36 must be 100-level courses. Asterisked numbers indicate topic courses that can fulfill a requirement when the topic is appropriate to that requirement. An English course may be used only once to fulfill a particular major requirement. (ENG 54, 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 AP credits will be credited 3 hours of lower-level elective toward the major:

- Core Courses (6 hours)
  - ENG 60 Literary Study (Should be taken first or second year)
  - ENG 61 Writing Seminar (Should be taken first or second year)
- Genres of Representation (Choose 1)
  - ENG 30, 50\*, 54, 70, 90, 91, 92, 93, 99\*, 111, 112, 113, 114, 115, 116, 120\*, 122, 126, 128, 130, 133, 135, 156, 174\*, 197\*, 198\*
- Historicity (Choose 2)
  - ENG 42, 44, 54, 56, 58, 99\*, 124, 128\*, 130\*, 131\*, 142, 143, 145, 147, 150, 152, 174\*, 175\*, 182\*, 197\*, 198\*
- Culture and Identity (Choose 1)
  - ENG 20, 65, 66, 67, 68, 75, 77, 86, 88, 99\*, 124\*, 148, 162, 163, 164, 165, 166, 168, 174\*, 178, 188, 195, 197\*, 198\*
- Critical Practice and Theory (Choose 1)
  - ENG 160, 171, 173 (Should be taken in the third year, before the Capstone)
- Capstone (Choose 1)
  - One English course numbered 175-197.
- Electives (4 courses)
  - Twelve hours of adviser-approved courses in a related area of interest. Students are encouraged to select courses from the curriculum that best suit their interests, concentrating their selections in specific areas. A total of 6 hours can be taken outside the department with adviser approval.

# Requirements for English Minor

Minimum of 18 credit hours in English, including ENG 60 and ENG 61, one from each of the two column in the writing core and at least 6 credit hours in courses numbered above 100. An English faculty adviser is required.

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# | Drake University

## Environmental Policy

### Degree Option

Bachelor of Arts with a major in environmental policy.

### Description of Program

This interdisciplinary degree prepares students in a liberal arts tradition to understand the connections between human beings and the Earth's environment. The program will enable students to understand and engage in the intersection of social and natural sciences that produces environmental policy. Students will develop expertise in decision-making, policy formulation and implementation, the natural sciences, adaptive management and critical thinking. Graduates of the program will be well prepared to undertake graduate study in environmental law or policy, as well as to work in governmental and nongovernmental capacities on environmental issues and policy-making.

Environmental policy is forged at the intersection of scientific and political systems; therefore students need to be familiar with the political institutions that reconcile conflicts between these systems. Students with an interdisciplinary environmental policy degree will be conversant in multiple discourses that influence environmental policy. Coursework that emphasizes theory and application of policy is required, and students are able to choose a focus on either national or international issues. Policy must also be evaluated in its sociological impact and effect on cultural justice. 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. 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.

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

Drake's environmental policy major is distinguished by its strong focus on interdisciplinary study, emphasis on experiential learning, opportunities for research and independent study, and service learning approach to the senior capstone experience.

### PROGRAM SIZE

# | Drake University

## Environmental Science

### Degree Option

Bachelor of Arts or Bachelor of Science with a major in environmental science.

See [requirements for Bachelor of Science](#).

### Description of Program

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.

There is no distinction between the BA and BS program in environmental science. The difference in the two degrees occurs within the College of Arts and Science. In order to receive a BS degree, environmental science students must complete: 1) 12 credit hours in natural science courses other than in the major area, 2) one course in natural science requiring a laboratory, and 3) one course in either statistics or computer science. Items 2 and 3 are completed with requirements in the environmental science curriculum.

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.

## **PROGRAM SIZE**

Approximately 50 students are enrolled in the Environmental Science major.  
Average class size is about 20 students.

## **Requirements for Major**

The environmental science major is offered as two tracks — Physical Science and Life Science. These are designed to provide students with a combination of coursework that will best develop the expertise and experience that is appropriate for their specific career goals. Completion of one of these tracks is required for the environmental science degree.

Students are strongly encouraged to develop additional depth in focus areas of interest to them in conversation with their academic advisers and the program director. Students planning to attend graduate school should work carefully with their adviser to determine what additional courses will be needed to prepare for graduate admission.

### **Physical Science Track: Required 60 credits**

Core Curriculum [27]

BIO 1,1L (The Biological Sciences) **OR** BIO 13,13L (General/Pre-Professional Biology II) 3,1 credits

BIO 18,18L (Introduction to Anatomy & Physiology) **OR** BIO 19,19L (Introduction to Botany) 3,1 credits

ENSP 35 (One Earth: Global Environmental Science) 3 credits

ENSP 36 (One Earth Laboratory) 1 credit

ENSP 41 (Principles of Geology) 4 credits

CHEM 1,3 (General Chemistry I) 4 credits

CHEM 2,4 (General Chemistry II) 4 credits

ENSP 65 (Geographic Information Systems) 3 credits

Chemistry & Quantitative [14]

#### *Required*

CHEM 81 (Quantitative Chemistry) 4 credits

CHEM 107, 108 (Organic Chemistry) 4 credits

MATH 50 (Calculus I) 3 credits

BIO 99 (Biological Research & Statistical Methods) **OR** STAT 60 (Statistics for the Life Sciences) 3 credits

Area of Specialization [10]

*Electives - Take 10 credit hours in adviser-approved upper-level courses*

Examples:

BIO 103,103L (Microbiology) 3,2 credits

BIO115, 115L (Aquatic Biology) 2,1 credits

BIO 168,168L (Limnology) 3,1 credits

BIO186 (Molecular Biology) 3 credits

ENSP 51 (Energy and the Environment) 3 credits

ENSP 141 (Environmental Geology) 4 credits

ENSP 165 (Advanced GIS) 3 credits  
CHEM 130 (Biochemistry) 3 credits  
CHEM 18 (Instrumental Chemistry) 1-4 credits  
PHSC 71 (Solar Energy I) 2 credits  
PHSC 72 (Solar Energy II) 1 credit  
LLAB 166 (Watershed Hydrology and Surficial Processes) 4 credits  
LLAB 168 (Aquatic Ecology) 4 credits  
*Or adviser-approved electives (3-4 credits)*

Science and Policy Integration [6]

*Electives - Take 6 credits*

ENSP 111 (International Environmental Policy) 4 credits  
ENSP 135 (Global Climate Change: Science & Policy) 3 credits  
ENSP 156 (Environmental Politics and Policy) 3 credits  
ENSP 157 (Environmental Justice) 3 credits  
*Or adviser-approved electives (3-4 credits)*

Capstone [3]

ENSP 191: Environmental Science & Policy Practicum (3 credits)

### **Life Science Track: Required 60 credits**

Core Curriculum [27]

2) Required courses or other requirements:

BIO 1,1L (The Biological Sciences) **OR** BIO 13,13L (General/Pre-Professional Biology II) 3,1 credits  
BIO 18,18L (Introduction to Anatomy & Physiology) **OR** BIO 19,19L (Introduction to Botany) 3,1 credits  
ENSP 35 (One Earth: Global Environmental Science) 3 credits  
ENSP 36 (One Earth Laboratory) 1 credit  
ENSP 41 (Principles of Geology) 4 credits  
CHEM 1,3 (General Chemistry I) 4 credits  
CHEM 2,4 (General Chemistry II) 4 credits  
ENSP 65 (Geographic Information Systems) 3 credits

Theory of Ecology [15]

#### *Required*

BIO 117 (Ecology) 3 credits  
BIO 118L (Ecology Lab) 2 credits

#### *Electives (take one of each couplet)*

BIO 120, 120L (Ecosystem Ecology) **OR** BIO 167, 167L (Population and Community Ecology) 3,1 credits  
ENSP 165 (Applications of GIS) **OR** ENSP 154 (Environmental Decision-Making) 3 credits  
BIO 99 (Biological Research & Statistical Methods) **OR** STAT 60 (Statistics for the Life Sciences) 3 credits

Field Biology Component [9]

*Electives - Take 9 credits*

sENSP 101 (Restoration Ecology Practicum) 3 credits  
ENSP 115 (Environmental Field Course) 1-6 credits  
BIO 24,24L (Field Ornithology) 1,1 credits  
BIO 110,110L (Iowa Natural History) 1,1 credits  
BIO 114, 114L Evolution 3,1 credits  
BIO 119,119L (Herpetology) 2,1 credits  
BIO 122,122L (Mammalogy) 2,1 credits  
BIO 123,123L (Biology of Invertebrates) 3,1 credits  
BIO 152,152L (Field Botany) 2,1 credits  
BIO 168,168L (Limnology) 3,1 credits  
LLAB 119 (Amphibians and Reptiles) 4 credits  
LLAB 124 (Ornithology) 4 credits  
LLAB 152 (Plant Taxonomy) 4 credits  
LLAB 161 (Freshwater Algae) 4 credits  
LLAB 161 (Biology of Aquatic Plants) 4 credits  
LLAB 164 (Prairie Ecology) 4 credits  
LLAB 168 (Aquatic Ecology) 4 credits  
LLAB 169 (Ecosystems of North America) 4 credits  
LLAB 170 (Introduction to Insect Ecology) 4 credits  
LLAB 171 (Plant Ecology) 4 credits  
LLAB 172 (Wetland Ecology) 4 credits  
LLAB 174 (Behavioral Ecology) 4 credits  
*Or adviser-approved electives (3-4 credits)*

Science and Policy Integration [6]

*Electives - Take 6 credits*

ENSP 125 (Conservation Biology) 4 credits  
ENSP 135 (Global Climate Change: Science & Policy) 3 credits  
ENSP 156 (Environmental Politics and Policy) 3 credits  
ENSP 157 (Environmental Justice) 3 credits  
ENSP 111 (International Environmental Policy) 4 credits  
*Or adviser-approved electives (3-4 credits)*

Capstone [3]

ENSP 191 (Environmental Science & Policy Practicum) 3 credits

## **Requirements for Minor**

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

ENSP 035 (One Earth: Global Environmental Science)  
ENSP 036 (One Earth: Global Environmental Science Laboratory)  
BIO 001 (Introduction to Biological Science), or equivalent  
BIO 117 (Ecology)  
BIO 118L (Ecology Lab)

Elective – take one course from this group  
ENSP 041 (Principles of Geology), OR

ENSP 065 (Geographic Information Systems), OR  
ENSP 105 (Environmental Geology), OR  
ENSP 135 (Global Change: Science and Policy)

ENSP elective in Environmental Policy  
ENSP 100-level elective

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# | Drake University

## History

### Degree Options

Bachelor of Arts degree with a major in history.

### Description of Program

The discipline of history lies at the core of liberal education. The History Department provides undergraduates with an historical perspective from which they can analyze the contemporary world. Knowledge of the past is key to understanding the present. To think historically is to think critically but with the advantage of contextualizing and interpreting the present in light of the past. It is what every informed citizen does when formulating an opinion or facing an important life decision, especially in times of profound change.

At a time when the average college graduate will work in four or more different professions during their lifetime, our program prepares and empowers students with modular and transferable skills. Mastering the “information age” requires students to read, write, think, speak, and analyze data proficiently, but students must also possess the flexibility and adaptability to function in an ever-changing global economy.

The department’s courses investigate those ideas and institutions by which people have attempted to shape and order their world. The department is especially interested in periods that experience pronounced social, economic and political conflict. The department believes that comparative history is an effective way to achieve many goals.

The History Department’s program helps students learn to think clearly, to analyze and interpret a broad range of materials and to express themselves both orally and in writing. Courses equip students with the analytical and interpretive skills they require to become enlightened citizens, to pursue professional and business careers and to continue with the advanced study of history.

The department offers several categories of courses. Introductory courses provide general coverage of specific topics. Advanced-level courses and colloquia involve intensive examination of complicated subject matter. Seminars require the completion of a major research project or projects. The department also offers several special interest courses and encourages students to propose their own independent study projects. Individuals considering careers that demand the historian’s skills should ask us about internships.

Students majoring in history can look forward to careers in business, industry and government service as well as in libraries and archives. They find that a history major prepares them to enter graduate programs in law, business and history.



Those wishing to teach in public schools can obtain certification by completing the appropriate professional courses in teacher education.

## Requirements for Major

39 hours in history or 27 hours in history and 12 hours in a single related field. Students must receive their academic adviser's approval of the related field, which must come from a second major. All majors must take History 1 and 2, at least 6 hours of advanced level courses, at least 6 hours of colloquia, and 3 hours of a senior seminar described below.

- Introductory courses (numbered 1-99) are designed for students who have a limited background in history. They focus on a number of broad trends that developed within a specific region or country over an extended time period. They also acquaint students with differing schools of historical interpretation.
- Advanced-level courses (numbered 100-149) are designed to allow individuals to undertake an intensive examination of a narrower topic than is possible in introductory courses. The major requires at least 6 hours of advanced-level courses.
- Colloquia (numbered 150-190) are designed for qualified upper-division students who wish to examine a specific topic in great depth. Colloquia are limited to 20 persons and involve reading a large quantity of material about complex and controversial issues. Students are required to analyze and discuss the reading material as well as to write a series of short essays on assigned topics.
- Senior seminars (numbered 196-198) are designed for individuals in their junior and senior years who have demonstrated an ability to deal with complex historical issues. The courses are limited to 12 persons and involve the satisfactory completion of a significant amount of research in primary material. Students are expected to participate fully in class discussions, present oral reports and produce competently researched and written papers.
- History majors who have an overall GPA of 3.25 and a GPA in history of 3.50 by the end of the fall semester of their junior year qualify for the History Department Honors Program. Extending over the two semesters of the senior year, this program involves the completion of a major research project. Interested students should consult with the department chair for more details.

## Requirements for Minor

21 credit hours, which must include 6 hours in advanced-level courses (numbered 100-149) and 6 hours in Colloquia (numbered 150-190). The student's major adviser can supervise the program for the history minor.

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# **| Drake University**

## **International Relations**

### **Degree Option**

Bachelor of Arts degree with a major in international relations.

### **Description of Program**

The international relations major is an interdisciplinary program designed to meet the needs of students interested in understanding and/or working in international affairs. The goal is to train students for responsible global citizenship and entry into internationally related jobs in business, government or international public or private agencies. The curriculum is designed to provide greater breadth than is possible by concentration in a single discipline, yet permit sufficiently focused study in international affairs to prepare the student for direct entry into the field of international service or continued post graduate study.

### **Requirements for Major**

Completion of requirements in five interdependent areas.

#### **Foreign Language Requirement**

Students must demonstrate functional competence in a second language (including reading, writing, speaking and oral comprehension) prior to graduation. Options for achieving the necessary competence include family background or life experience, high school training, college coursework (by transfer from another institution), study abroad, independent study and participation in the Drake Language Acquisition Program.

#### **The Basic Core**

18 credit hours. All international relations majors must complete the following basic requirements:

- Economics 1 (Principles of Macroeconomics)
- Economics 2 (Principles of Microeconomics)
- Politics 65 (Comparative Politics)
- Politics 75 (World Politics)
- SCSG 2 (Human Geography) OR  
SCSG 3 (World Regional Geography)
- Hist 113 (America as a World Power) OR  
Politics 179 (American Foreign Policy)

## Comparative Perspectives

Minimum of 12 credit hours. Majors are required to take a minimum of 12 credit hours under Comparative Perspectives. Of these, 6 hours must be taken in a single regional area. Also, at least 3 hours must be taken under the Cross-Regional category. The remaining 3 hours may be taken in any of the 4 categories (these final 3 credits may be waived for students who study abroad). Relevant courses taken through study-abroad programs may count toward the Comparative Perspectives requirements. Also, relevant Drake courses offered on an occasional basis may be considered. In all cases, the choice of courses must be made with the approval of the student's academic adviser.

- Europe: SCSG 132;  
History 099, 133, 134, 137;  
Politics 128, 160, 161, 171.
- Latin America: Eng 164, History 123, 125, 126;  
Politics 164.
- Asia: SCSG 135;  
History 22, 127, 128, 129, 153; SCSS 130, Pols 162.
- Africa: Hist 061, 161.
- Cross-Regional: SCSG 192, SCSS 146, Politics 129, 165, 166, 168; Religion 5.

## Thematic Perspectives

Majors are required to take a minimum of 12 credit hours of coursework under Thematic Perspectives, distributed across at least two categories. Options include International Politics and Economics, International Peace and Conflict Studies and International Values and Ethics. Relevant courses taken through study-abroad programs may count toward the Thematic Perspectives requirements. Also, relevant Drake courses offered on an occasional basis may be considered. In all cases, the choice of courses must be made with the approval of the student's academic adviser.

- A. International Politics and Economics: Economics 130, 175; Politics 123, 127, 129, 171, SCSS 150, 072
- B. International Peace and Conflict Studies: English 166; Politics 121, 123, 175, Psy 134.
- C. International Values and Ethics: Politics 079, 124, 125, 170, 173, 176; Religion 155; DILS148, SCSS 150.

## International Relations Seminar

Majors are required to complete Politics 192: International Relations Seminar. This course is offered each spring and must be taken during the senior year. Politics 192 counts as a Senior Capstone under the Drake Curriculum.

Students also are encouraged, though not required, to study abroad during either their sophomore or junior year. Students studying abroad may waive 3 of the 12 credits required under Comparative Perspectives. Students should consider study-abroad options in consultation with their academic adviser and the study-abroad coordinator.

# **| Drake University**

## **Law, Politics and Society**

### **Degree Option**

Bachelor of Arts degree with a major in law, politics and society.

### **Description of Program**

The Law, Politics and Society program offers students a multidisciplinary perspective on the complex interactions of law, culture, economics, politics, and social structure. Situated firmly within a liberal arts education, the program does not treat law as a fixed, naturally given feature of social life, or as a professional practice reserved for specialists such as lawyers, judges and legislators. Instead, the program understands law, as a pervasive part of everyday life, to be socially constructed and contested. The LPS major is designed to prepare students for effective participation as citizens in a civil society. In this major students will:

- participate actively as citizens in civil society;
- read and understand legal texts, court decisions and theoretical writing, and 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;
- assess critically how people interpret, respond to and experience law and the legal system based on factors such as race/ethnicity, class, gender and religion;
- deploy contemporary legal, critical and/or interpretive theories in their own analyses of political, social or legal events or situations.

Oversight for the program is provided by an interdisciplinary Advisory Board with one member from each of the core departments affiliated with the program: English, history, philosophy and religion, politics and international relations, rhetoric and communication and sociology. Advising for the major is divided among faculty in these core departments. Several courses from the Drake University Law School may be used to fulfill major requirements.

### **Requirements for Major**

**Students will be required to take the following courses:**

- LPS 1 (Introduction to Law, Politics, and Society)

- Phil 90 (Ethics)
- LPS 100 (Intermediate Seminar in Law, Politics, and Society)
- LPS 190 (Senior Seminar in Law, Politics, and Society)

**And at least 3 of the following 5:**

- POLS 153 (Judicial Politics)
- PHIL 1XX (Rights and Responsibilities)
- SCS 151 (Criminology)
- SCSR 140 (Communications and the Law)
- POLS 190 (Seminar in Constitutional Law)

Students are required to take 2 courses numbered 100 or above from each of the categories for a total of 6 courses.

Any single course may count, for a particular student, in only one major requirement.

At least two courses numbered 100 or above must have an international focus.

**(1) Creating Law and Policy**

Courses in this category will focus primarily on the structures and people that create, interpret and implement laws. Students should leave these courses with an understanding of the political, legal and social pressures on lawmakers and legal systems, and ways that various official sites of legality interact with each other in the creation of law and policy, and the governance of society.

Inexhaustive list of courses in this category:

- PolS 151 (The American Presidency)
- PolS 152 (Congress/Legislative Process)
- PolS 153 (Judicial Politics)
- PolS 155 (American Public Policy)
- PolS 170 (International Law)
- Econ 180 (Regulation/Antitrust)
- Econ 109 (Public Economics)
- Econ 115 (Labor Economics)

**(2) Understanding and Responding to Contemporary Issues:**

Courses in this category will engage students in an in-depth examination of particular problems facing society, focusing on identifying the complex web of contributing factors (legal, political and social) as well as possible avenues of solution. Courses are focused on particular issues and provide students with ways of thinking that will translate to examination of other issues not discussed in class.

Inexhaustive list of courses in this category:

- PolS 79/Phil 79 (Ethics in a Globalizing World)
- PolS 125 (Post-Conflict Justice)
- Psy 134 (Ethno-Political Conflict and Peace)
- Phil 124 (Health and Social Justice)

- Soc 150 (Restorative Justice)
- ENSP 135 (Sci/Policy of Global Warming)
- ENSP 191 (Env Sci and Political Practicum)
- Pols 156 (Environmental Politics and Policy)
- Pols 157 (Crime and Punishment in U.S.)
- Phil 124 (Health and Social Justice)
- Honr 149 (Health and Human Rights)
- Honr 163 (Environmental Justice)
- Pols 120 (Globalization: Salvation, Myth)
- Pols 123 (Grassroots Globalism)

### (3) Constructing Conceptions of Law, Politics and Society

Courses in this category will focus primarily on the way particular factors (social, structural, historical, cultural, rhetorical, literary) shape understanding of law, politics and society. As a result of these courses, students should question the ideal of neutrality often presented in these realms. Students should leave these classes with a more critical and nuanced attitude toward claims of the way the law, politics and society interact and be able to critically evaluate how their beliefs about these things have shaped their view of this interaction. Finally, these courses should provide students with ways to make decisions about different aspects of law, politics and society in the face of the recognition that such decisions are not neutral.

Inexhaustive list:

- Soc 150 (Restorative Justice)
- Econ 162 (Marxian Political Economics)
- Pols 157 (Crime and Punishment in U.S.)
- SCSR 134 (Moral Monsters, Law, Culture)
- SCSS 150 (Prisons and Society)
- Hist 155 (Intro to Marxism)
- Hist 170 (U.S. and Vietnam)
- Hist 170 (New Women 1900-1945)
- Hist 170 (Era of the Civil War)
- Hist 170 (Chinese Communist Revolution)
- Hist 170 (African-American History 1877-Present)
- Hist 170 (African-American History to 1877)
- Hist 170 (Gilded Age & Progressive Era – U.S. 1870)
- Eng 168 (Storytelling as Social Practice)
- SCSR (Rhetorics of Class)
- SCSR (Rhetorics of Race)

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# **| Drake University**

## **Mathematics**

### **Degree Options**

Bachelor of Arts and Bachelor of Science degrees with a major in mathematics. 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.

### **Description of Program**

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 Arts and Sciences College requirements for a BS degree; the mathematics requirements for the BA and BS degrees are the same.

### **Requirements for Major**

Students must complete the following core of mathematics and related courses:

- Mathematics 50, 70 and 100 (Calculus I, II and III)
- Mathematics 80 (Linear Algebra)
- Mathematics 101 (Mathematical Reasoning)
- Computer Science 65 (Introduction to Computer Science I)

Qualified students may omit some of these upon consultation with a departmental adviser.

In addition, a student must take at least 21 hours of upper-division coursework in mathematics and related areas. At least six of these 21 hours must be in applied mathematics courses chosen from the following courses in mathematics and statistics: 110, 120, 121, 125, 131, 132, 150, 165; at least 6 hours must be in pure mathematics courses chosen from the following courses in mathematics: 150, 153, 155, 156, 157, 176, 184, 185, 187. These courses should be chosen with an adviser to ensure the requirements are satisfied. The remaining upper-division hours are to be selected to meet the objectives of the student. These remaining courses may be other upper-level mathematics courses (not Mathematics 140 or the mathematics tutoring course) or approved courses in computing, statistics, quantitative methods,

actuarial science, econometrics or other areas approved by the adviser.

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

## **Requirements for Minor**

The student must have a departmental minor adviser and complete the following mathematics and related courses: (1) Mathematics 50, 70, 80, 101, (2) two additional upper-level mathematics courses that must be approved for the program by the adviser (Mathematics 140, Cooperative Education, may not be one of these), and (3) Computer Science 65.

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# | Drake University

## Mathematics for Secondary Education

### Degree Options

Bachelor of Arts and Bachelor of Science degrees 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.

### Description of Program

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 must also 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 teaching methodology appropriate for teaching at the secondary level. In addition, students will learn how to use appropriate technology in teaching.

### Requirements for Major

This major is designed to furnish students with the mathematics content necessary for secondary certification in mathematics; to teach secondary mathematics, students will also need to complete the secondary education major offered in the School of Education. Students must complete the following mathematics and related courses:

- Mathematics 45 (Mathematics and Technology)
- Mathematics 50, 70 (Calculus I, II)
- Mathematics 54 (Introduction to Discrete Mathematics)
- Mathematics 80 (Linear Algebra)
- Mathematics 101 (Mathematical Reasoning)
- Mathematics 144 (Topics for Mathematics Teaching)
- Mathematics 145 (Methods of Teaching Secondary School Mathematics)
- Mathematics 153 (Modern Geometry)
- Mathematics 155 (Introduction to Abstract Algebra I)
- Mathematics 157 (History of Mathematics)
- Computer Science 65 (Introduction to Computer Science I)
- One of the following: Statistics 71 — Statistics I **OR** Statistics 131 (Probability and Mathematical Statistics I)

The courses, Mathematics Tutoring (currently under the Mathematics 195 number)

and Math 125 (Mathematical Modeling), are strongly recommended.

## **Requirements for Minor in Mathematics**

A student must have a departmental minor adviser and complete the following courses: Mathematics 50, 54, 70, 80, 101, 153, 157, Computer Science 65, and either Statistics 71 or Statistics 131. Mathematics 45 and Mathematics 145 are also recommended.

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# | Drake University

## Neuroscience

### Degree Options

Bachelor of Science degree with a major in neuroscience.

### Description of Program

**Effective immediately, the neuroscience major is not available until further notice. *[Addendum statement, added September, 2014: the neuroscience major resumed during the 2012-2013 academic year.]***

Students who have already declared a neuroscience major and first-year and transfer students who start the fall 2008 semester with a declared neuroscience major will fulfill the current major requirements. However, while the program is being revised, Drake is not accepting additional majors. Students wishing to become Neuroscience majors when the new program is available will fulfill the new major requirements in place at that time.

Students studying neuroscience at Drake University will be exposed to an interdisciplinary environment through coursework in physical and life sciences, close interaction 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. Moreover, it is important to note that courses that comprise the major are available to students majoring in other disciplines if the course prerequisites are met.

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 adviser to determine what path is best for them.

### Requirements for Major

The curriculum for a BS 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 adviser to make appropriate course selections when options are available, thus the precise number of credit hours for the major will vary slightly.

## Required Core Courses

- BIO 12, 13 (General Biology)
- PSY 1 (Introduction to Psychology)
- Any two from:
  - BIO 105 (Introduction to Genetics)
  - BIO 165 (Cell Biology)
  - BIO 129 (Mammalian Physiology)
- PSY 123 (Biological Basis of Behavior)
- PHAR 119 (Topics in Neuropharmacology)
- One of
  - PSY 122 (Sensation and Perception)
  - PSY125 (Cognitive Psychology)
  - Behavioral Endocrinology (number to be assigned)

## Required Supporting Courses

- MATH 20 (College Algebra) - Calculus preferred
- CHEM 1/3,2/4 (General Chemistry)
- CHEM 107/109;108/110 (Organic Chemistry)
- PHY 11 (General Physics)
- One of:
  - PSY 15 (Research Methods and Statistics)
  - STAT 71 (Statistics)
  - BIO 99 (Biological Research Methods)

## Requirements for Minor

- PSY 1
- BIO 12, 13
- PSY 15, STAT 71, or BIO 99
- PSY 123 (Biological Basis of Behavior)
- PSY 125 or 122 (Cognitive Psychology or Sensation and Perception)
- PHAR 119 (Topics in Neuropharmacology)
- BIO 105, 128, or 165 (Genetics, Physiology, or Cell Biology)

Most students pursuing a minor will do so to complement a major in psychology or biology, thus some of these courses will be earned in that context.

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# | Drake University

## Philosophy

### Degree Option

Bachelor of Arts degree with a major in philosophy.

### Description of Program

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. The major is designed to permit broad interdepartmental studies and interdisciplinary synthesis. It provides a desirable background for graduate study and work in human relations, law, literature, the social sciences and theology.

In addition to the possibilities that the study of philosophy itself offers, 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 commitment to collaborative learning between faculty and students. As faculty, we value time we spend with students beyond the classroom, engaging in conversation, mentoring students, and building community.

### Requirements for Major

39 credit hours.

No more than 15 hours of <100 level courses may count toward major

#### Required Courses

- Introductory (3 hrs):
  - PHIL 21 Introduction to Philosophy
- Ethics (3 hrs):
  - PHIL 90 Ethics
- History of Philosophy (12 hrs) (Ancient, Modern, and any two of the other courses listed below):
  - PHIL 104 Ancient Philosophy (required)
  - PHIL 106 Modern Philosophy (required)
  - PHIL 105 Medieval Philosophy
  - PHIL 107 Contemporary Philosophy
  - PHIL 109 American Philosophy
  - PHIL 110 Phenomenology
  - PHIL 123 Philosophy of History

- PHIL XXX Existentialism
- PHIL XXX Analytic Philosophy
- PHIL XXX Nineteenth-century Philosophy
- Logic (3 hrs):
  - PHIL 115 Symbolic Logic
- Theories of Language, Thought and Reality (3 hrs) (any one of the courses listed below):
  - PHIL 120 Introduction to Philosophical Hermeneutics
  - PHIL 126 Theories of Knowledge and Belief
  - PHIL 128 Language and Reality
- Non-Western Philosophy (3 hrs):
  - PHIL 124 Eastern Philosophy
- Senior Capstone (3 hrs):
  - PHIL 197 Senior Capstone

Elective Courses (9 hrs)

### Special Notes

- No more than 15 hours of < 100 level courses may count toward major.
- Suggested fields of study that would nicely complement the Philosophy major but that do not necessarily count toward the major include Math, Latin, History, Theology, English, Sociology, Political Theory, Economic Theory.
- Individual requirement may be waived with departmental approval only if student has taken additional courses outside the major that substantially strengthen the student's major and only if the courses waived do not weaken the student's major experience. This should happen only in extraordinary circumstances.

## Requirements for Minor

18 credit hours

Required courses or other requirements:

- PHIL 21 Introduction to Philosophy
- PHIL 90 Ethics
- Either PHIL 104 Ancient Philosophy or PHIL 106 Modern Philosophy
- Nine credit hours in upper division philosophy courses
- No more than 12 credit hours in the minor may be in courses numbered below 100

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# | Drake University

## Physics

### Degree Options

Bachelor of Arts and Bachelor of Science degrees with a major in physics.

### Description of Program

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.

For students planning to teach middle school or high school physics, a cooperative program with the School of Education leads to Iowa secondary certification. Students complete a program of physics and education courses and a professional semester, which includes student teaching experience.

Students planning to enter medical or dental school may complete their undergraduate major in physics. This program includes the appropriate courses in biology and chemistry needed to satisfy medical or dental school entrance requirements.

For students who have an interest outside the present fields of concentration but whose educational goals can be realized through a combination of existing courses, an individualized major may be developed. Faculty members counsel students whose interests lie in this direction. Such individualized majors could include computational physics, geophysics, environmental physics, biophysics, chemical physics or astrophysics.

Additional courses are offered in physics and physical science to familiarize the general student with the current scientific interpretations of the fundamental physical laws that govern the universe.

### Requirements for Major

The BA degree requires a minimum of 42 credit hours in physics, and the BS degree requires a minimum of 50 credit hours in physics in a program to be developed by the student and the adviser and approved by the department.

Both programs include a common core of 7 physics courses in the first 2 years:

#### First year

- Physics 1 (Introductory Physics I)
- Physics 5 (Topics in Physics)

## **Sophomore year**

- Physics 2 (Introductory Physics II)
- Physics 50 (Modern Physics)
- Physics 59 (Advanced Laboratory I)
- Physics 61 (Error Theory)
- Physics 191 (Physics Seminar I)

## **Minimum degree requirements for the BA and BS degrees also include:**

- Physics 121 (Theoretical Mechanics)
- Physics 122 (Introduction to Electromagnetic Theory)
- Physics 133 (Electronics)
- Physics 182 (Thermodynamics and Statistical Physics)
- Physics 192, 193 (Physics Seminar II, III)

## **Requirements for the BA include one of the following:**

- Physics 149 or 159 (Advanced Laboratory II or III)
- Physics 197 or 198 (Research Participation)

## **In addition, the BS degree requires:**

- Physics 149 or 159 (Advanced Laboratory II or III)
- Physics 181 (Quantum Theory)
- Physics 188 (Advanced Classical Physics, and)
- one course from the following:  
Physics 180, 183, 184, 185, 186, 187, 189, 190, 195, 197, 198

A Senior Capstone experience is required, which may be either an NSF-sponsored REU experience between the junior and senior years, or one of the courses Physics 197 or 198 — Research Participation taken during the senior year.

Requirements for all programs 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 adviser may recommend additional courses chosen from electives.

## **Requirements for Minor**

Minimum of 24 credit hours of physics courses.

Physics 1, 2 and 5 and Physics 50, 59, 61, 191 and either 133 or 182 are required. All students planning to take a minor in physics must have a minor adviser in the department of physics. Students should consult their advisers regarding the mathematics prerequisites for these courses.



# | Drake University

## Politics

### Degree Options

Bachelor of Arts degree with a major in Politics.

### Description of Program

The Department of Politics and International Relations provides an exceptional learning environment that prepares students for meaningful personal lives, professional accomplishments, and responsible global citizenship. With the liberal arts focus of the program, students will develop a foundation both for citizenship in a democratic society and for successful training in a career, in a graduate school or in a professional school. Majors will be prepared for entrance into state, local and federal government service, business careers, social work, journalism, teaching and politics; approximately half of Drake's politics and international relations majors go to law school or graduate study.

Drake's location allows students to supplement classes with experiences in government and politics. Des Moines is both the state capitol and the largest city in the state, making it a center of both government and politics. Students can find internship/volunteer experiences in both government (for example, the state legislature, Governor's office, various state agencies and nonprofit organizations that work with government) and politics (the political parties, offices of U.S. Senators, interest groups and other political organizations). And once every four years, it is the center of the Iowa caucuses, providing unparalleled opportunities for political activity.

### Requirements for Major

Students entering beginning fall 2008:

1. Majors must complete a minimum of 33 credits of politics coursework to be distributed as follows:

a. Required courses (21 credits):

- POLS 001 (The American Political System)
- POLS 065 (Comparative Politics)
- POLS 075 (World Politics)
- POLS 18x (a course in political theory)
- POLS 085 (Concepts in Politics)
- POLS 095 (Methods in Politics)
- POLS 191 (Senior Seminar in Politics)

b. The remaining 12 credit hours or more of coursework in politics are departmental electives that students may select in any subfield, in consultation with their adviser regarding their interests and career plans.

2. 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 adviser.

Students entering prior to fall 2008:

1. Majors must complete a minimum of 30 hours in politics in the following manner:

a. As the distribution core of the 30 hours in politics, majors must complete the following 5 required courses for a total of 15 credit hours:

- POLS 001 (The American Political System)
- POLS 065 (Comparative Politics)
- POLS 075 (World Politics)
- POLS 180, 181, 184, 185, 186 or 189
- POLS 191 (Senior Seminar in Politics)

b. The remaining 15 credit hours or more of coursework in politics are departmental electives that students may select in any subfield, in consultation with their adviser regarding their interests and career plans.

2. Majors must also complete 12 hours of 100-level courses, to be chosen with the approval of their politics adviser, in the related fields of economics, history, philosophy, and sociology, as follows:

- At least 6 of these 12 hours must be in a single related field.
- Students may fulfill their related-fields requirement also by double-majoring in one of these related fields.

## Requirements for 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.

Eighteen credit hours of politics coursework distributed as follows:

- Required courses (12 credits):
  - POLS 001 (The American Political System)
  - POLS 065 (Comparative Politics)
  - POLS 075 (World Politics)
  - POLS 18x (a course in political theory)
- Elective courses in politics: (6 credits)

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# | Drake University

## Psychology

### Degree Options

Bachelor of Arts and Bachelor of Science degrees with a major in psychology.

### Description of Program

The Department of Psychology provides courses in the fundamental areas of study that comprise the science of behavior. 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 B.A. degree program is intended for students planning careers in areas other than psychology or related sciences. It is designed to permit the student to develop one or more specific areas of interest within the major and offers considerable flexibility to students wishing to focus their study on human or animal behavior.

A B.A. degree in psychology can be completed as part of many preprofessional programs of study, including pre-business, pre-law and pre-social work. Students should work with their advisers 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 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.

Students are encouraged to take courses in the arts and sciences that improve their verbal, quantitative and critical reasoning abilities.

### Requirements for Major, B.A. Degree

Thirty-three credits of coursework in the Department of Psychology, which must include:

1. Psychology 1 (Introductory Psychology with lab)
2. Psychology 15 (Statistics and Research Methodology)
3. Students must pass Psychology 15 with a grade of "C" or better to enroll in some upper-division psychology courses and to complete the B.A. psychology major.
4. One laboratory course from among Psychology 120/121, Conditioning and

Learning; 123, Biological Basis of Behavior; 125, Cognitive Psychology; or 130, Experimental Social Psychology

5. At least 12 hours of additional upper-division psychology courses and 8 hours of psychology electives. Laboratory courses beyond the one course required for the major may be selected to fulfill these requirements.

## **Requirements for Major, B.S. Degree:**

Thirty-four credits of coursework in the Department of Psychology, which must include:

1. Psychology 1 (Introductory Psychology with lab)
2. Psychology 15 (Statistics & Research Methodology)
3. Students must pass Psychology 15 with a grade of "C" or better to enroll in some upper-division psychology courses and to complete the BS psychology major.
4. Psychology 151 (History and Systems of Psychology)
5. One course including a laboratory section from among Psychology 120/121, 123, 125 or 130
6. Psychology courses providing at least 12 additional hours of upper-division credit. Laboratory courses beyond the one required course may be used to complete the upper-division requirements. Also, History and Systems of Psychology (Psy 151) can count toward this upper-division requirement, but it cannot be used to replace the requirement of taking one course in each cluster.
7. At least one course must be completed in each of the following three clusters to help assure a broad exposure to the discipline:
  - a. Psychology 28, 120/121, 122, 123, 124, 125, 128
  - b. Psychology 60, 76, 85, 133, 146, 176, 177, 183
  - c. Psychology 30, 42, 130, 132, 134, 137
8. 12 hours of natural science courses outside the Psychology Department in astronomy, biology, chemistry, computer science, mathematics, physics or environmental science (a science-based course). Math 20 and Math 50 are among the courses that may be selected to complete this requirement. One of the natural science courses outside the major department must include a laboratory.

To gain experience in the conduct of research, B.S. students are encouraged to take a research seminar (Psychology 198) and/or independent study (Psychology 190, 191). Courses strongly recommended for B.S. students with a GPA of 3.00 and above who are interested in graduate study in psychology include Psychology 111 (Advanced Statistics) and two laboratory courses, one focusing on human behavior and the other on animal behavior.

## **Requirements for Minor**

Minimum of 20 credit hours of courses offered by the Department of Psychology, which must include Psychology 1 with lab, Psychology 15 and at least one upper-division course. A minimum GPA of 2.00 in psychology courses must be achieved, and courses taken on a credit/no credit basis may not be used for the 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.

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# | Drake University

## Religion

### Degree Options

Bachelor of Arts degree with a major in religion.

### Description of Program

A major or minor in religion at Drake University is a study of sacred texts and their interpretation, of theological and ethical reasoning, of the breadth of religious thinking and practice, and of the meaning of the religious quest for a comprehensive understanding of reality. Courses can prepare students for an understanding of the diverse religious traditions of the world, for graduate professional training for ministry, for an active religious life, or for critical reflection on the ways in which human communities experience and describe the sacred.

In addition to the possibilities that the study of religion itself offers, the size of the department affords the luxury of really getting to know students better, offering collaborative learning between faculty and students. The faculty, values time spent with students beyond the classroom, engaging in conversation, mentoring students and building community.

### Requirements for Major

39 credits.

No more than 15 hours of <100 level courses may count toward major.

#### Required Courses

- Introductory (3 credits):
  - REL 001 (Intro to Religious Studies) OR REL 020 (World Religions)
- Religious Traditions (two traditions, one of which must be non-Abrahamic) (6 credits):
  - REL 011 (Protestantism)
  - REL 012 (Catholicism)
  - REL 014 (Islam)
  - REL 015 (Judaism)
  - REL 111 / PHIL 124 (Eastern Philosophy)
- Bible (two courses, one of which must be >100) (6 credits):
  - REL 051 (Old Testament)
  - REL 052 (New Testament)
  - REL 053 (Life and Teachings of Jesus)
  - REL 150 (Prophetic Literature of the Old Testament)

- Independent Study in Hebrew
  - Other Bible courses as offered.
- Ethics, Society and Culture (3 credits):
  - REL 091 (Contemporary Ethical Problems)
  - REL 118 (Race, Religion and Civic Culture)
  - REL 120 (Black Christianity and Prophetic Politics)
- Theories of Religion (3 credits):
  - REL 125 (Philosophy of Religion)
- Theology (3 credits):
  - REL 153 (Introduction to Christian Theologies)
  - REL 155 (Liberation and Feminist Theologies)
- Senior Capstone (3 credits):
  - Student will work with faculty member on an independent study topic or participate in a senior seminar.

Elective Courses (12 credits)

### Special Notes

- No more than 15 hours of <100 level courses may count toward major.
- Suggested fields of study that would nicely complement the Religion major but that do not necessarily count toward the major include philosophy, culture and society, English and history.
- Individual requirements may be waived with departmental approval only if student has taken additional courses outside the major that substantially strengthen the student's major and only if the courses waived do not weaken the student's major experience. This should happen only in extraordinary circumstances.

## Requirements for Minor

Eighteen credits

- REL 001 (Introduction to Religious Studies)
- PHIL/REL 091 (Contemporary Ethical Problems)
- Six credit hours to be satisfied by REL 010, 051, 052, 053, or upper-division courses in biblical studies
- PHIL/REL 125 (Philosophy of Religion)
- Three credit hours in an upper-division religion course
- No more than 12 credit hours in the minor may be in courses numbered below 100

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# **| Drake University**

## **Rhetoric and Communication Studies**

### **Degree Option**

Bachelor of Arts degree with a major in rhetoric and communication studies.

### **Description of Program**

The rhetoric and communication studies program is devoted to the study of public discourse, with particular emphasis on the role of persuasion in the constitution of civil society and democratic governance. Subjects of study range from political speeches to religious texts, from commercial advertisements to Supreme Court opinions, from classical treatises to postmodern theory. Analysis focuses on individual strategies and techniques as well as larger social and cultural patterns in the production and reception of persuasive texts. Theory and case studies are combined to address perennial concerns about the relationships between language, power, identity and community.

The primary objective of instruction and advising in the department is to help the student pursue a high-quality liberal arts education. This liberal arts ideal combines study of a broad range of subjects with training in practical reasoning and the analysis of discourse, and it should culminate in the articulate citizen. Rather than preparing students for professional work in a specific career, the department attempts to cultivate qualities of leadership that are common to many areas of professional, social and political life. Each student's program includes study in a range of arts and sciences, focuses on specific problems of collective life, attends to questions of value and character and develops analytical and communicative skills.

Courses in rhetoric and communication studies emphasize the analysis of persuasive messages and the development of strong arguments. The student learns how to discover the sources of persuasive appeal in a wide range of settings and how to use the available means of persuasion to compete, cooperate, and work creatively with others. Courses emphasize careful reading of primary texts, argumentative discussion of alternative interpretations, writing of interpretive essays and research papers and oral presentations.

Students who major in the department typically go on to careers in business or public service, or to law school or graduate school in a number of disciplines (including business, communication studies, education and other fields). Many students are encouraged to complete other majors or interdisciplinary concentrations.

### **Requirements for Major**

Each student program for a major or minor in the department is developed



individually. The major or minor program is designed within a basic disciplinary framework that allows a range of options for addressing the student's educational goals, strengths and weaknesses in coordination with other programming.

A minimum of 30 credits are required for the major, and 18 credits are required for the minor.

Upper-level courses from other departments may be included in the major as they fit into the department's curricular categories, contribute to a comprehensive and cohesive program of study and advance the student's educational goals. (For example, a student interested in the relationship between religion and politics might include courses from the political science and religion/philosophy departments.) Courses from other departments should not comprise more than 6 of the first 30 hours of the major, and all selections must be approved by a committee of the rhetoric and communication studies faculty. Students are responsible for fulfilling any prerequisites for such courses.

Students also develop a supporting program of at least 15 hours; this requirement can be met with another major, minor or concentration. (For example, a student preparing for a career in business might include courses from the College of Business and Public Administration in management, marketing and business law, while a student preparing for a career in secondary education could include the courses in the School of Education taken for certification.) In every case, the complete program of study should provide a sound background in the discipline, a strong liberal arts education and the flexibility needed to complete an educational program that can prepare the student for both specific career goals and responsible leadership in a changing world.

All program decisions for the major or minor must be approved by the student's academic adviser in the department.

Departmental majors and minors must take at least one course from each of the four curricular areas:

The departmental curriculum is divided into four divisions: theory, criticism, practice and topical studies.

Theory identifies foundational concepts, patterns and problems as they have been developed in the study of effective communication from antiquity to the present. Courses in this area include:

Rhetoric as a Liberal Art

- Philosophy of Dialogue and Interpersonal Communication
- Communication and Conflict
- Classical Rhetoric
- Contemporary Communication and Rhetorical Theory

Criticism focuses on principles of judgment, techniques of analysis and problems of interpretation in the study of discourse, as well as the conditions shaping public discourse, the use of discourse to understand society and the nature of eloquence. Courses in this area include:

- Rhetorical Criticism

- Introduction to Philosophical Hermeneutics
- The Politics of Interpretation
- History and Criticism of American Public Address

Practice develops skills in persuasive argument and performance. Courses in this area include:

- Public Speaking
- Advanced Public Speaking
- The department also sponsors student awards for public speaking.

Topical Studies examine specific media, discourses or communicative practices to understand how language operates in major forms of collective experience and why particular ideas or actions appear intelligible, rational or powerful in specific settings. Courses in this area include:

- Political Communication
- Communication and Law
- Communication and Religion
- Rhetorics of Race
- Rhetoric and War
- Aesthetics of Everyday Life
- Photojournalism and Public Culture

All program planning is done by the student in consultation with a departmental adviser. All courses taught by departmental faculty can be counted toward a major or minor in the department, as long as other requirements are not annulled. Courses taught outside the department by departmental faculty include courses in the First Year Seminar program, the Law, Politics and Society program, the Honors Program and Paths to Knowledge, among others.

Independent study also is an option, particularly in conjunction with senior thesis requirements in interdisciplinary programs such as the Honors Program or the program in the Critical Study of Culture.

If the Capstone experience for the Drake Curriculum is completed within the major, it should be in conjunction with the senior seminars in classical or contemporary theory or with an independent study project.

Internships for credit are available when they can be arranged by the student and involve a component of academic reading and writing. Past internships have included work with political campaigns, in advertising firms and in community organizing.

## **Majors (sample curricula)**

The programs listed below are a few examples of how students can develop individualized programs. The programs are listed in 4-year sequences, although they can be completed in less time. As most of our majors enter the University with no declared major or transfer from other majors, they typically are beginning the program in their second or third year of study. There are no prerequisites or required sequences of study, although it is assumed that educational benefit and student success is most likely to occur when the student follows a developmental

sequence of courses.

Major Program A:

- Rhetoric as a Liberal Art
- Public Speaking
- Philosophies of Dialogue and Interpersonal Communication
- History and Criticism of American Public Address
- The Politics of Interpretation
- Rhetorics of Race
- Communication and Law
- Rhetoric and War
- Classical Rhetoric
- Contemporary Communication and Rhetorical Theory

30 credits total

Major Program B:

- Rhetoric as a Liberal Art
- Public Speaking
- FYS: Popular Trials
- History and Criticism of American Public Address
- Law, Politics and Society
- POLS 181 (Modern Political Theory)
- The Politics of Interpretation
- Rhetorics of Race
- Communication and Law
- Classical Rhetoric
- POLS 190 (Seminar in Constitutional Law)

33 credits total

Major Program C:

- Rhetoric as a Liberal Art
- Public Speaking
- FYS: Love and Friendship from Plato to Buddy Movies
- Introduction to Hermeneutics
- REL 108 (20th Century American Religion)
- Communication and Religion
- Rhetorics of Race
- PHIL 123 (Ethical Theory)
- REL 149 (Religion of the New Testament)
- Classical Rhetoric
- Contemporary Communication and Rhetorical Theory

33 credits total

Major Program D:

- Rhetoric as a Liberal Art

- Public Speaking
- FYS: American Character and Society
- The Politics of Interpretation
- SCSS 133 (Sociological Theory)
- Communication and Conflict
- Rhetorics of Race
- SCSS 172 (Wealth, Discourse and Power)
- The Aesthetics of Everyday Life
- Classical Rhetoric
- Contemporary Communication and Rhetorical Theory

33 credits total

#### Major Program E:

- Rhetoric as a Liberal Art
- Public Speaking
- History of American Public Address
- Rhetorical Criticism
- Photojournalism and Public Culture
- The Aesthetics of Everyday Life
- ENG 70: Introduction to Film Study
- Classical Rhetoric
- Contemporary Communication and Rhetorical Theory
- ENG 124: Topics in Cultural History

30 credits total

## Requirements for Minor

18 hours required for the minor.

Departmental minor programs involve only courses taught by faculty in the department. There still is considerable flexibility for individual planning, as the following samples suggest.

#### Minor Program A:

- Rhetoric as a Liberal Art
- Public Speaking
- Rhetoric and War
- Rhetorics of Race
- The Politics of Interpretation
- Classical Rhetoric

18 credits total

#### Minor Program B:

- Rhetoric as a Liberal Art
- Public Speaking

- Paths to Knowledge (6-credit interdisciplinary course)
- The Aesthetics of Everyday Life
- Photojournalism and Public Culture

18 credits total

Minor Program C:

- Rhetoric as a Liberal Art
- Public Speaking
- Political Communication
- History and Criticism of American Public Address
- The Politics of Interpretation
- Classical Rhetoric
- Contemporary Communication and Rhetorical Theory

21 credits total

Selection and scheduling optimizes coordination with the student's other areas of study (another major, concentrations in women's studies or other interdisciplinary programs) and with other educational opportunities such as study abroad. Students are encouraged to participate in additional disciplinary, interdisciplinary or international programs.

Students or prospective students are welcome to contact the faculty at any time if they have questions regarding a degree program.

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# **| Drake University**

## **Sociology**

### **Degree Option**

Bachelor of Arts degree with a major in sociology.

### **Description of Program**

The study of sociology enables students to appreciate and engage the complexities of social life. The program in sociology is designed as a central component of the curriculum in the college of arts and sciences and in the university.

As a result of taking classes in sociology, students should develop an awareness of how sociologists produce knowledge, of the nature of that knowledge and of the relevance of sociological inquiry in society. Students should develop sociological imaginations and an ability to appreciate and articulate the connection between personal biography, social structure and human history, and they should be able to bring this imagination to focus in the effort to understand local national and global communities. Students must be intellectually and personally stimulated by their classroom experiences, must be able to think critically about those experiences and about the larger social arena in which their work has relevance and gain a sense of the moral and ethical implications of the production and application of sociological knowledge.

The sociology major prepares students for careers in contemporary society and for graduate study in sociology and in other professional fields. Additionally, the sociology major enhances student preparation for effective participation in the community and society at large.

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. There are also opportunities for internships and service learning.

### **Requirements for Major**

Minimum of 37 credit hours in sociology that include the following:

1. One entry-level course. SCSS 1-25.
2. Two theory-intensive courses\*. Choose from SCSS 101, SCSS 70, SCSS 080, SCSS 133, SCSS 135, SCSS 151, SCSS 170, SCSS 173, SCSS 174, SCSS 175, SCSS 176
3. Two methodology-intensive courses\*. Choose from STAT 50, SCSS 156, SCSS 77, SCSS 156, SCSS 158, SCSS 159

4. One Senior Capstone Experience\* (4 credit hours). SCSS 199 - 1 credit and Senior Experience Course – 3 credits
5. An additional 6 elective courses (18 hours) in sociology. 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.

## **Requirements for Minor**

Minimum of 18 hours of coursework in sociology to include one entry-level course and an additional 15 hours of sociology courses. 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.

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# | Drake University

## Study of Culture and Society

### Degree Option

Bachelor of Arts degree with a major in the interdisciplinary study of culture and society (SCS).

### Description of Program

The Study of Culture and Society (SCS) is an interdisciplinary major focusing on the study of cultural practices, social institutions and knowledge. The major focuses on contemporary critical social and cultural theories, as well as modes of cultural research and criticism, including textual and discourse analysis, ethnography, interviewing, media critique and other practices. The orientation of the major is reflexive and places strong emphasis on students developing a sense of themselves as knowers. Courses in the major stress the recognition of the contested and changing character of cultural categories, the relationship between knowledge and power and the influence of social location and identity on the creation of knowledge.

The major requires two core courses: SCS 110 (Culture, Knowledge, Power) and SCS 120 (Modes of Cultural Inquiry) which will introduce students to current questions, debates, theories and methodological practices in cultural research. Students will also take 21 credits distributed over topic areas: Cultural Difference and Diversity, Public Culture and Gender and Sexuality. Students will then specialize in one of these topic areas, taking an additional two courses in their chosen area. The major is designed to require students to gain breadth in each of these areas as well as focusing more intensively on one area in their studies.

This is a unique interdisciplinary program that blends courses in the humanities and social sciences for students interested in cultural theory, knowledge and research.

### Requirements for Major

Minimum of 37 credit hours that include the following:

SCS 110 (Culture, Knowledge, Power*)	3
SCS 120 (Modes of Cultural Inquiry*)	3
21 credits distributed across 3 areas	21



Cultural Difference and Diversity* Choose from SCSG 192, SCSR 114, SCSS 130, SCSS 156, SCSS 167, SCS 143, SCS 146, SCSS 72, ENG 168	(6)
Public Culture* Choose from SCSR 144, SCSR 128, SCSR 134, HONR 144, HONR 152, ART 108, ART 110, ENG 128, ENG 124	(6)
Gender and Sexuality* Choose from WS 195/HONR 151, SCSS 174, WS 90/ENG 86	(6)
2 additional courses in one area:	6
Senior Capstone*	4
<b>Total</b>	<b>37</b>

\*Transfer courses may not be used to fulfill the core course or Capstone requirements.

Students may count one lower-level course for each of the 3 topic areas; all others must be upper-level (100 and above).

Students may double major in Sociology and SCS; however, only one theory- and one methods-intensive course (from the sociology or anthropology/sociology majors) can count toward the SCS major, and only 9 elective credits will be allowed to count for both majors. Students who double major must complete a separate Capstone for each major.

## Honors

Qualified students are invited to receive departmental honors.

## Requirements for Minor

The minor in the Study of culture and Society (SCS) focuses on the interdisciplinary study of cultural practices, social institutions and knowledge. Core courses focus on contemporary critical social and cultural theories, analysis, ethnography, interviewing, media critique and other practices. Course in each area focus more closely on specific themes of cultural difference, public culture and media and studies of gender and sexuality. The minor stresses the recognition of the contested and changing character of cultural categories, the relationship between knowledge and power, and the influence of social location and identity on the creation of knowledge. Courses in the minor will help students develop a greater understanding of how cultural knowledge is produced and of their own role as knowers.

SCS 110 (Culture, Knowledge, Power) 3 credit hours

SCS 120 (Modes of Cultural Inquiry) 3 credit hours

1 course in each of three areas (9 credit hours)

Cultural Difference and Diversity

Public Culture

Gender and sexuality

1 additional course in one area (3 credit hours)

Total = 18 Credit Hours

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# | Drake University

## Writing

### Degree Options

Bachelor of Arts with a major in writing.

### Description of Program

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 and 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, both the English major and the Writing major permit 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.

# Requirements for Major

Each student, in regular consultation with a department adviser, works out an individual program to complete 36 credit hours in English (or advisor-approved courses outside English). Asterisked numbers indicate topic courses that can fulfill a requirement when the topic is appropriate to that requirement. An English course may be used only once to fulfill a particular major requirement. Three credits toward the major (at the 20-99 level) are given for Advanced Placement. Transfer students must take a minimum of 18 credit hours in the Drake English Department.

## Core Courses (9 credits)

- ENG 60 Literary Study (Should be taken first or second year)
- ENG 61 Writing Seminar (Should be taken first or second year)
- ENG 20-80, 99 Choose one

## Writing Core (12 credits)

- Choose Two: ENG 86, 88, 90, 91, 92, 93, 94, 95, 99\*
- Choose Two: ENG 102, 109, 111, 112, 113, 114, 115, 116, 171, 174\*, 183, 197\*, 198\*

## Area of Interest (12 elective credits)

- Twelve hours of adviser-approved courses in a related area of interest. Courses may be from outside English and 9 hours must be at the 100-level. Sample areas of interest include creative writing, creative nonfiction, documentary film, cultural studies, new media, nonfiction and editing and more. Students are free to design their own area of interest.

## Capstone (3 hours)

- Choose one: ENG 175-197.

# Requirements for Writing Minor

Minimum of 18 credit hours in English, including ENG 60, ENG 61, and one from each of the two columns in the writing core. An English faculty adviser is required.

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# | Drake University

## Graphic Design

### Degree Option

Bachelor of Arts and Bachelor of Fine Arts with a major in Graphic Design.

### Description of Program

The BA degree program allows student to major in graphic design within the context of a liberal arts curriculum. It also allows the student considerable flexibility in developing a course of study. The Capstone experience is the presentation of a graphic design portfolio.

### Requirements for Major

A minimum of 124 credit hours is required for all undergraduate art degrees.

Number of credit hours required: 45

#### Required courses or other requirements for B.A. degree:

##### Art

First-Year Program - Art 13, 14, 15, 16, 75, 76  
Basic Studio - Painting, Printmaking or Sculpture  
Graphic Design — Art 21, 51, 52, 114, 115, 116  
Graphic Design Elective  
Art History Elective  
Total Art Hours

##### Academic

Drake Curriculum and electives (may include art or art history)  
Total Academic Hours

#### Required courses or other requirements for B.F.A. degree:

The B.F.A. in graphic design is a specialized four-year undergraduate program that prepares students specifically in the common body of knowledge and skills required for a career as a graphic designer. It is a professional degree with the majority of credits dedicated to design or design-related coursework. Faculty advising directs students to general studies that support their study in design such as mass communication, writing, psychology, sociology, anthropology and business. Beginning with the junior year, the students take part in the BFA reviews that are

held at the end of each semester. The senior capstone experience is a senior exhibition or a portfolio presentation.

Number of credit hours required: 84

Art	<b>Credit Hours</b>
First-Year Program- ART 13, 14, 15, 16, 75, 76	
Basic Studio - Painting, Printmaking, Sculpture	18
Graphic Design - ART 21, 51, 52, 115, 116, 155, 156	9
Graphic Design Electives	21
Studio Minor (three courses above basic studio courses)	12
Modern or Contemporary Art - Art 109 or 110	9
Art Electives (may include art history)	3
	6
Art History Elective	
Total Art Hours	6
	84
Academic	
Drake Curriculum and electives (may be art history)	40
Academic concentrations can be achieved with careful planning.	
Total Academic Hours	

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# | Drake University

## Studio Art

### Degree Options

Bachelor of Arts and Bachelor of Fine Arts degrees with a major in studio art.

### Description of Program

**B.A. Degree:** The B.A. degree program allows the student to major in art within the context of a liberal arts curriculum. It also allows the student considerable flexibility in developing a course of study. The Capstone experience is a project that includes both written and visual components.

**B.F.A. Degree:** This professional degree is for students who wish to enter an intensive studio art program. The B.F.A. degree program is recommended for those students who plan to continue their education at the graduate level. Professional skills and a personal aesthetic philosophy are achieved with an emphasis in drawing, painting, printmaking or sculpture. Beginning with the junior year, students take part in the B.F.A. reviews that are held at the end of each semester. The Capstone experience is a senior exhibition.

### Requirements for Major

#### B.A. Degree:

Art First-Year Program - Art 13, 14, 15, 16, 75, 76 Basic Studio - Painting, Printmaking, Sculpture Studio Area of Emphasis (beyond Basic Studio requirements) Art History Elective Total Art Hours	<b>Credit Hours</b> 18 9 18-19 3 48-49
Academic Drake Curriculum and electives (may include art or art history) Total Academic Hours	79
The BA 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 Gallery or an exhibition space in Des Moines may be procured	

#### B.F.A. Degree:

Art	<b>Credit Hours</b>
First-Year Program - Art 13, 14, 15, 16, 75, 76	18
Basic Studio - Painting, Printmaking, Sculpture	9
Studio Minor (three courses above basic studio)	9-11
Studio Emphasis (beyond basic studio requirement)	18-19
Senior Studio Problems- Art 175 - 176	6
Modern or Contemporary Art - Art 109 or 110	3
Art History Electives	3
Art Electives (may include art history)	6
Total Art Hours	10-13
Academic	85
Drake Curriculum and electives (may include art history)	
Academic	39
concentration can be achieved with careful planning.	
Total Academic Hours	

**Listed as “Concentrations”, but they are actual majors according to Student Records:**

### **Drawing (B.A./B.F.A.)**

Drawing provides fundamental skills for students majoring in all areas of the visual arts. The drawing emphasis develops formal and conceptual abilities as the basis for expressive representation and visual communication. Each course is designed to expand students' understanding of pictorial structures and the process of conceptualization, utilizing a full range of graphic elements. Students are introduced to a variety of media and subject matter and imagery will be developed through the balance of observation and conceptualization.

### **Painting (B.A./B.F.A.)**

The painting emphasis fosters creativity in ways that lead to significant artistic expression. Students are mentored in the development of critical visual thinking skills necessary to the development 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.

### **Sculpture (B.A./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.

### **Printmaking (B.A./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.

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# | Drake University

## Theatre

### Degree Options

Bachelor of Arts degree with a major in theatre.

### Description of Program

The theatre program provides students with a solid theatre education and experience. Students have 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.

### Requirements for Major

The B.A. degree in theatre arts requires a total of 124 credit hours, including a minimum of 42 credit hours in theatre arts, 18 hours in a second academic field and a minimum of 42 credit hours taken outside the School of Fine Arts.

	<b>Credit Hours</b>
First Year — First Semester	
Theatre Arts 3 (Acting I)	3
Theatre ArtsS 14 (Movement I)	2
Theatre Arts 20 (Voice I)	2
Theatre Arts 30 (Stagecraft I) or Theatre Arts 31 (Costuming)	4
First -Year Seminar	3
Drake Curriculum Requirement	3
Total	17
First Year — Second Semester	4
Theatre Arts 30 (Stagecraft I) or Theatre Arts 31 (Costuming)	6
Drake Curriculum Requirement	3
Theatre Arts Electives	3
Minor Requirement	16
Total	3
Sophomore Year — First Semester	3
Theatre Arts 5 (Readings in Theatre)	3
Theatre Arts 120 (Theatre History I)	15
Drake Curriculum Requirement	
Minor Requirement	3
<b>Total</b>	3
	6
Sophomore Year — Second Semester	5

Theatre Arts 32 (Makeup)	17
Theatre Arts 121 (Theatre History II)	
Drake Curriculum Requirement	3
Minor Requirement	3
<b>Total</b>	1
	6
Junior Year — First Semester	3
Theatre Arts 160 (Stage Management)	16
Theatre Arts 103 (Directing)	
Theatre Arts 124 (Technical Practicum)	1
Drake Curriculum Requirement	6
Minor Requirement	3
<b>Total</b>	5
	15
Junior Year — Second Semester	
Theatre Arts 124 (Technical Practicum)	5
Theatre Arts Electives	6
Minor Requirement	5
Drake Curriculum Requirement	16
<b>Total</b>	6
	5
Senior Year — First Semester	
Theatre Arts Electives	1
Minor Requirement	12
Drake Curriculum Requirement	
<b>Total</b>	
Senior Year — Second Semester	
Theatre Arts Electives	
Minor Requirement	
Senior Capstone Experience	
<b>Total</b>	

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# | Drake University

## Musical Theatre

### Degree Options

Bachelor of Fine Arts degree with a major in musical theatre.

### Description of Program

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.

### Requirements for Major

Listed below is a sample schedule of one of the four areas of concentration for a B.F.A. in musical theatre. Students pursuing degrees with an acting, directing or theatre design emphasis will have somewhat different requirements. For more information, please contact the Department of Theatre Arts.

The BFA degree in musical theatre requires 56 credit hours in theatre arts, 15 hours in music and the Drake Curriculum.

	Credit Hours
First Year — First Semester	
Theatre Arts 3 (Acting I)	3
Theatre Arts 14 (Movement I)	2
Theatre Arts 20 (Voice I)	2
Theatre Arts 30 (Stagecraft I) or Theatre Arts 31 (Costuming)	4
First-Year Seminar	3
Music 11 (Fundamentals of Music)	3
<b>Total</b>	<b>17</b>
First Year — Second Semester	3
Theatre Arts 4 (Acting II)	2
Theatre Arts 15 (Movement II)	4
Theatre Arts 30 (Stagecraft II) or Theatre Arts 31 (Costuming)	6
Drake Curriculum Requirement	1
MUSIC 171 — Voice	<b>16</b>
<b>Total</b>	<b>3</b>
Sophomore Year — First Semester	3
Theatre Arts 55 (Acting III)	3

One of Theatre Arts 57-60 (Dance or the Theatre)	1
Theatre Arts 32 (Makeup)	1
Music 171 (Voice)	
Music 148-150 (Ensembles)	3
Music 6 or Music 49 (Piano)	<b>15</b>
Drake Curriculum Requirement	
<b>Total</b>	3
	3
Sophomore Year — Second Semester	1
One of Theatre Arts 57-60 (Dance for the Theatre)	1
Theatre Arts 131-138 (Problems in Acting)	1
Music 171 (Voice)	7
Music 148-150 (Ensembles)	<b>16</b>
Music 7 or Music 50 (Piano)	
Drake Curriculum Requirement	3
<b>Total</b>	3
	3
Junior Year — First Semester	2
Theatre Arts 5 (Readings in Theatre)	1
Theatre Arts 103 (Directing)	1
Theatre Arts 120 (Theatre History I)	3
Theatre Arts 131-138 (Problems in Acting)	<b>16</b>
Music 148-150 (Ensembles)	
Music 171 (Voice)	3
Drake Curriculum Requirement	2
<b>Total</b>	1
	3
Junior Year — Second Semester	6
Theatre Arts 121 (Theatre History II)	<b>15</b>
Theatre Arts Elective	
Music 171 (Voice)	3
English Literature	3
Drake Curriculum Requirement	1
<b>Total</b>	1
	6
Senior Year — First Semester	<b>14</b>
Theatre Arts 17 (Choreography)	
Theatre Arts 160 (Stage Management)	3
Music 148-150 (Ensembles)	6
Music 171 (Voice)	1
Drake Curriculum Requirement	3
<b>Total</b>	<b>13</b>
Senior Year — Second Semester	
Theatre Arts 123 (American Musical)	
Drake Curriculum Requirement	
Senior Capstone Experience	
English Literature	
<b>Total</b>	

# Theatre Directing

## Degree Options

Bachelor of Fine Arts degree with a major in theatre directing.

## Description of Program

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.

## Requirements for Major

124 credit hours total. A minimum of 65 credit hours in theatre arts coursework; however, a maximum of 76 theatre credits will be accepted for the degree. Drake Curriculum requirements are also needed (see below).

Theatre Arts Core Requirement		Credits	Required Support Courses in Theatre Arts		Credits
THEA 3	Acting I	3	THEA 4	Acting II	3
THEA 5	Readings in Theatre	3	THEA 15	Movement II	2
THEA 14	Movement	2	THEA 21	Voice II	2
THEA 20	Voice I	2	THEA 55	Acting III	3
THEA 30	Stagecraft I (including lab)	4	THEA 104	Directing II	3
THEA 31	Costuming (including lab)	4	THEA 165	Projects in Theatre	1-3
THEA 32	Makeup	3	Total		16
THEA 103	Directing I	3			
THEA 120	Theatre History I	3			
THEA 121	Theatre History II	3			
THEA 124	Tech Practicum (scene or costume)	1	General Theatre Electives		12 minimum
THEA 160	Stage Management	3	General Electives		12 minimum
THEA 190	Senior Capstone	1			
Total		35			

# | Drake University

## Theatre Design

### Degree Options

Bachelor of Fine Arts degree with a major in theatre design.

### Description of Program

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.

### Requirements for Major

The BFA degree in theatre design requires a total of 124 credits. A minimum of 65 credit hours in theatre arts coursework; however, a maximum of 76 theatre credits will be accepted for the degree. Drake Curriculum requirements are also needed (see below).

Theatre Arts Core Requirement		Credits	Required Design Courses in Theatre Arts		Credits
THEA 3	Acting I	3	THEA 33	Mechanical Drafting	
THEA 5	Readings in Theatre	3	THEA 62	Stagecraft II	4
THEA 30	Stagecraft I (including lab)	4	THEA 63	Intro to Design	3
THEA 31	Costuming (including lab)	4	*THEA 124	Technical Practicum	4-6
THEA 32	Makeup	3	THEA 150	Sound Design for the Theatre	3
THEA 103	Directing I	3	THEA 161	Scene Design	3
THEA 120	Theatre History I	3	THEA 162	Stage Lighting	3

THEA 121	Theatre History II	3		THEA 163	CAD for the Theatre	3
THEA 124	Tech Practicum (scene or costume)	1		THEA 165-169	Projects in Theatre (seniors)	1-3
THEA 160	Stage Management	3		THEA 182	Seminar in Advanced Design	3
THEA 190	Senior Capstone	1		THEA 183	Scene Painting, (including lab)	3
				THEA 184	Costume Design	3
	Total	31			Total	36
<b>Required Support Courses in Art and Design:</b>						
ART 15	Drawing I	3				
ART 76	Survey of Art History II	3				
	Elective Courses in Art and Design	9				
	Total	15				

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# **| Drake University**

## **Art History**

### **Degree Option**

Bachelor of Arts degree with a major in art history.

### **Description of Program**

The Department of Art and Design helps students develop their artistic and intellectual potential, explore new areas and discover career opportunities. Drake offers intensive experiences in art and a solid liberal arts education. Students are immersed in a professional art and design environment, develop consummate technical skills and achieve formalistic and conceptual abilities in preparation for a rewarding visual arts career.

Art history majors receive individual attention from their faculty adviser and other professors who are passionate about teaching.

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 develop the research and writing skills necessary for critical investigation. Familiarity with traditional and contemporary scholarship becomes a basis for focused, independent historical art 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.

The art history major 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 images. 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.

### **Requirements for Major**

A minimum of 40 credit hours of courses that include the following:

Art	<b>Credits</b>
First-Year Program - ART 13 or 14, 15, 16	9
Basic Studio - Painting, Printmaking or Sculpture	3
Art History	6
First-Year Program - Art 75 and 76 (Survey of Art History I & II)	3
Modern or Contemporary Art - Art 109 or 110	15
Art History Electives	4
Senior Project - Art 197 and 198	40
Total Art and Art History Credits	84
Academic	
Drake Curriculum and electives (may be art)	
Total Academic Credits	

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# | Drake University

## Graphic Design

### Degree Option

Bachelor of Arts and Bachelor of Fine Arts with a major in Graphic Design.

### Description of Program

The BA degree program allows student to major in graphic design within the context of a liberal arts curriculum. It also allows the student considerable flexibility in developing a course of study. The Capstone experience is the presentation of a graphic design portfolio.

### Requirements for Major

A minimum of 124 credit hours is required for all undergraduate art degrees.

Number of credit hours required: 45

#### Required courses or other requirements for B.A. degree:

##### Art

First-Year Program - Art 13, 14, 15, 16, 75, 76

Basic Studio - Painting, Printmaking or Sculpture

Graphic Design — Art 21, 51, 52, 114, 115, 116

Graphic Design Elective

Art History Elective

Total Art Hours

##### Academic

Drake Curriculum and electives (may include art or art history)

Total Academic Hours

#### Required courses or other requirements for B.F.A. degree:

The B.F.A. in graphic design is a specialized four-year undergraduate program that prepares students specifically in the common body of knowledge and skills required for a career as a graphic designer. It is a professional degree with the majority of credits dedicated to design or design-related coursework. Faculty advising directs students to general studies that support their study in design such as mass communication, writing, psychology, sociology, anthropology and business. Beginning with the junior year, the students take part in the BFA reviews that are

held at the end of each semester. The senior capstone experience is a senior exhibition or a portfolio presentation.

Number of credit hours required: 84

Art	<b>Credit Hours</b>
First-Year Program- ART 13, 14, 15, 16, 75, 76	
Basic Studio - Painting, Printmaking, Sculpture	18
Graphic Design - ART 21, 51, 52, 115, 116, 155, 156	9
Graphic Design Electives	21
Studio Minor (three courses above basic studio courses)	12
Modern or Contemporary Art - Art 109 or 110	9
Art Electives (may include art history)	3
	6
Art History Elective	
Total Art Hours	6
	84
Academic	
Drake Curriculum and electives (may be art history)	40
Academic concentrations can be achieved with careful planning.	
Total Academic Hours	

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# | Drake University

## Studio Art

### Degree Options

Bachelor of Arts and Bachelor of Fine Arts degrees with a major in studio art.

### Description of Program

**B.A. Degree:** The B.A. degree program allows the student to major in art within the context of a liberal arts curriculum. It also allows the student considerable flexibility in developing a course of study. The Capstone experience is a project that includes both written and visual components.

**B.F.A. Degree:** This professional degree is for students who wish to enter an intensive studio art program. The B.F.A. degree program is recommended for those students who plan to continue their education at the graduate level. Professional skills and a personal aesthetic philosophy are achieved with an emphasis in drawing, painting, printmaking or sculpture. Beginning with the junior year, students take part in the B.F.A. reviews that are held at the end of each semester. The Capstone experience is a senior exhibition.

### Requirements for Major

#### B.A. Degree:

Art First-Year Program - Art 13, 14, 15, 16, 75, 76 Basic Studio - Painting, Printmaking, Sculpture Studio Area of Emphasis (beyond Basic Studio requirements) Art History Elective Total Art Hours	<b>Credit Hours</b> 18 9 18-19 3 48-49
Academic Drake Curriculum and electives (may include art or art history) Total Academic Hours	79
The BA 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 Gallery or an exhibition space in Des Moines may be procured	

#### B.F.A. Degree:

Art	<b>Credit Hours</b>
First-Year Program - Art 13, 14, 15, 16, 75, 76	18
Basic Studio - Painting, Printmaking, Sculpture	9
Studio Minor (three courses above basic studio)	9-11
Studio Emphasis (beyond basic studio requirement)	18-19
Senior Studio Problems- Art 175 - 176	6
Modern or Contemporary Art - Art 109 or 110	3
Art History Electives	3
Art Electives (may include art history)	6
Total Art Hours	10-13
Academic	85
Drake Curriculum and electives (may include art history)	
Academic	39
concentration can be achieved with careful planning.	
Total Academic Hours	

**Listed as “Concentrations”, but they are actual majors according to Student Records:**

### **Drawing (B.A./B.F.A.)**

Drawing provides fundamental skills for students majoring in all areas of the visual arts. The drawing emphasis develops formal and conceptual abilities as the basis for expressive representation and visual communication. Each course is designed to expand students' understanding of pictorial structures and the process of conceptualization, utilizing a full range of graphic elements. Students are introduced to a variety of media and subject matter and imagery will be developed through the balance of observation and conceptualization.

### **Painting (B.A./B.F.A.)**

The painting emphasis fosters creativity in ways that lead to significant artistic expression. Students are mentored in the development of critical visual thinking skills necessary to the development 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.

### **Sculpture (B.A./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.

### **Printmaking (B.A./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.

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# | Drake University

## Music

### Degree Option

Bachelor of Arts with a major in music.

### Description of Program

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 candidate must complete a minimum of 124 credit hours: 56 in music and 68 in the arts and sciences. 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 in Music is not intended to be a substitute for any of the professional degrees offered by the Department of Music.

### Requirements for Major

Required Courses	Credit Hours
Applied Music	8
Music 1 and 2 (Materials of Music I)	4
Music 3 and 4 (Materials of Music II)	4
Music 5 (Introduction to Music Literature)	3
Music 51 and 52 (Materials of Music III)	4
Music 53 and 54 (Materials of Music IV)	4
Music 81 (World Music)	3
Music 107 (Analysis of Post-Tonal Music)	3
Music 111 (Music History I)	3
Music 112 (Music History II)	3
Music 148, 149, or 150 (Band, Choir, or Orchestra)	8



Music 167 (Junior Research Seminar)	1
Music 168 (Senior Thesis)	2
Music Literature/Theory Electives	5-6
<b>TOTAL</b>	55-56

1. An audition is required in the applied area.
2. The required two years of study in applied music must be in the same instrument/voice.
3. Eight semesters of Music 21(recital attendance) are required in addition to all coursework.
4. Sixty-eight credit hours are to be taken in courses outside of music.

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# | Drake University

## Quantitative Economics

### Degree Options

Bachelor of Arts or Bachelor of Science in Business and Administration degrees with a major in Quantitative Economics.

### Description of Program

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.

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.

### Requirements for Major

The quantitative economics major requires 15 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.

- Mathematics (21 credits)
  - Math 50 (Calculus I)
  - Math 70 (Calculus II)
  - Math 80 (Linear Algebra)
  - Math 100 (Calculus III)
  - At least two elective course in Mathematics at the 100 level chosen from the following list:
    - Math 110 (Multivariate Calculus)
    - Math 120 (Applied Differential Equations I)
    - Math 125 (Mathematical Modeling)
    - Math 127 Game Theory
    - Math 176 (Advanced Linear Algebra)
    - Math 184 (Introduction to Real Analysis)

Courses in differential equations are especially recommended for students interested in an advanced degree in mathematical financial economics.

- Statistics (6 credits)
  - Stat 131 (Introduction to Probability I)
  - Stat 72 (Statistics II), OR Stat 141 (Statistical Modeling and Data Analysis I)
- Economics (21 credits)
  - Econ 1 (Principles of Macroeconomics)
  - Econ 2 (Principles of Microeconomics)
  - Econ 173 (Intermediate Microeconomics)
  - Econ 174 (Intermediate Macroeconomics)
  - Econ 107 (Introduction to Econometrics), OR Stat 142 (Statistical Modeling and Data Analysis II)
  - Two elective courses in economics at the 100 level
- Capstone (1 or 3 credits)
  - Students choose one of the following, depending on the college and degree to be earned:
    - Math 195 for A&S Majors (3 credits)
    - Econ 199 for the B.A. degree in CBPA. majors (1 credits)
    - BUS 195 for the .B.S.B.A. in CBPA. (3 credits)

Students earning the BSBA degree must also complete the required business core curriculum.

# | Drake University

## Theatre

### Degree Options

Bachelor of Arts degree with a major in theatre.

### Description of Program

The theatre program provides students with a solid theatre education and experience. Students have 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.

### Requirements for Major

The B.A. degree in theatre arts requires a total of 124 credit hours, including a minimum of 42 credit hours in theatre arts, 18 hours in a second academic field and a minimum of 42 credit hours taken outside the School of Fine Arts.

	Credit Hours
First Year — First Semester	
Theatre Arts 3 (Acting I)	3
Theatre ArtsS 14 (Movement I)	2
Theatre Arts 20 (Voice I)	2
Theatre Arts 30 (Stagecraft I) or Theatre Arts 31 (Costuming)	4
First -Year Seminar	3
Drake Curriculum Requirement	3
Total	17
First Year — Second Semester	4
Theatre Arts 30 (Stagecraft I) or Theatre Arts 31 (Costuming)	6
Drake Curriculum Requirement	3
Theatre Arts Electives	3
Minor Requirement	16
Total	3
Sophomore Year — First Semester	3
Theatre Arts 5 (Readings in Theatre)	3
Theatre Arts 120 (Theatre History I)	15
Drake Curriculum Requirement	
Minor Requirement	3
Total	3
	6
Sophomore Year — Second Semester	5

Theatre Arts 32 (Makeup)	17
Theatre Arts 121 (Theatre History II)	
Drake Curriculum Requirement	3
Minor Requirement	3
<b>Total</b>	1
	6
Junior Year — First Semester	3
Theatre Arts 160 (Stage Management)	16
Theatre Arts 103 (Directing)	
Theatre Arts 124 (Technical Practicum)	1
Drake Curriculum Requirement	6
Minor Requirement	3
<b>Total</b>	5
	15
Junior Year — Second Semester	
Theatre Arts 124 (Technical Practicum)	5
Theatre Arts Electives	6
Minor Requirement	5
Drake Curriculum Requirement	16
<b>Total</b>	6
	5
Senior Year — First Semester	
Theatre Arts Electives	1
Minor Requirement	12
Drake Curriculum Requirement	
<b>Total</b>	
Senior Year — Second Semester	
Theatre Arts Electives	
Minor Requirement	
Senior Capstone Experience	
<b>Total</b>	

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# | Drake University

## Music Business

### Degree Option

Bachelor of Music with a major in music education.

### Description of Program

Candidates for the B.M. degree with elective studies in business are prepared for full-time work in the field of music business with a concentration in marketing/retailing. The candidate must complete a minimum of 132-133 credit hours: 20 hours in applied music, 30 hours in music theory/history, 27 hours in business, and 8 hours in ensemble, plus the Drake Curriculum and free electives.

A professional internship is required during the junior or senior year. There are excellent opportunities in the greater Des Moines area for these internships.

No recital is required for this degree; however, with the approval of the instructor and applied faculty in the area, the student may elect to give a 25-minute senior recital.

### Requirements for Major

The program of study for this degree is outlined below.

First Year — First Semester	
Applied Music Major	
Music 6 (Piano Laboratory I or Applied Music Minor)	
Music 1 (Materials of Music I)	
Music 2 (Materials of Music I)	
Economics 1 (Principles of Macroeconomics)	
First Year Seminar	
Drake Curriculum	
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	
Music 21 (Recitals, Required)	
<b>Total</b>	
First Year — Second Semester	
Applied Music Major	
Music 7 (Piano Laboratory II or Applied Music Minor)	
Music 3 (Materials of Music II)	
Music 4 (Materials of Music II)	
Music 5 (Intro. to Music Literature)	
Economics 2 (Principles of Microeconomics)	
Drake Curriculum	

<b>Credit Hours</b>
2
1
3
1
3
3
3
1
Cr.
<b>17</b>
2
1
3
1
3
3

Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	4	
Music 21 (Recitals, Required)	1	
<b>Total</b>	<b>Cr.</b>	<b>18</b>
Sophomore Year — First Semester		
Applied Music Major	2	
Music 49 (Piano Laboratory III or Applied Music Minor)	1	
Music 51 (Materials of Music III)	3	
Music 52 (Materials of Music III)	1	
Accounting 41 (Introduction to Accounting I)	3	
Drake Curriculum	6	
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	1	
Music 21 (Recitals, Required)	<b>Cr.</b>	
<b>Total</b>	<b>17</b>	
Sophomore Year — Second Semester	2	
Applied Music Major	1	
Music 50 (Piano Laboratory IV or Applied Music Minor)	3	
Music 53 (Materials of Music IV)	1	
Music 54 (Materials of Music IV)	3	
Accounting 42 (Introduction to Accounting II)	6	
Drake Curriculum	1	
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	<b>Cr.</b>	
Music 21 (Recitals, Required)	<b>17</b>	
<b>Total</b>		
	2	
Junior Year — First Semester	3	
Applied Music Major	3	
Music 107 (Analysis of Post-Tonal Music)	2	
Music 111 (History of Music I)	3	
Music 161 (Instrumental Conducting) OR Music 163 (Choral Conducting)	3	
Drake Curriculum	1	
Statistics 71 (Statistics I)	<b>Cr.</b>	
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	<b>17</b>	
Music 21 (Recital, Required)	2	
<b>Total</b>	3	
	3	
Junior Year — Second Semester	3	
Applied Music Major	6	
Music 112 (History of Music II)	1	
Marketing 101 (Marketing Principles)	<b>Cr.</b>	
Business Law 60	<b>18</b>	
Drake Curriculum OR Free Electives		
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	2	
Music 21 (Recitals, Required)	3	
<b>Total</b>	3	
	5 or 6	
Senior Year — First Semester	1	
Applied Music Major	<b>Cr.</b>	
Music 165 (Professional Internship in Music)	<b>14 or 15</b>	
Management 110 (Management Process and Behavior)		
Drake Curriculum OR Free Electives	2	

Ensemble— Music 148, 149 or 150 (Band, Choir or Orchestra)	2
MUSIC 21 (Recitals, Required)	3
<b>Total</b>	6
Senior Year — Second Semester	1
Applied Music Major	Cr.
Music Elective	<b>14</b>
Finance 101* (Corporate Finance)	
Drake Curriculum OR Free Electives	
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	
Music 21 (Recitals, Required)	
<b>Total</b>	

\*Finance 101 will substitute for Finance 95 for a minor in business from the College of Business.

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# | Drake University

## Applied Music

### Degree Option

Bachelor of Music with a major in applied music (instrumental, piano or voice performance).

### Description of Program

Candidates for the BM 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.

The instrumental major (piano, organ, strings, wind and percussion instruments) in the BM curriculum 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.)

The vocal major in the BM curriculum 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.

An acceptable senior recital of approximately one hour's duration in the student's major applied music field is required.

### Requirements for Major

The program of study for the student majoring in applied piano is outlined below.

	Credits
First Year — First Semester	
Applied Music Major	4
Applied Music Minor	1
Music 1 (Materials of Music I)	3
Music 2 (Materials of Music I)	1
Music 5 (Intro. to Music Literature)	3
First Year Seminar	3
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	1
Music 21 (Recitals, Required)	Cr.
Total	16
First Year — Second Semester	4

Applied Music Major	1
Applied Music Minor	3
Music 3 (Materials of Music II)	1
Music 4 (Materials of Music II)	6
Drake Curriculum	1
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	Cr.
Music 21 (Recitals, Required)	16
Total	4
Sophomore Year — First Semester	1
Applied Music Major	3
Applied Music Minor	1
Music 51 (Materials of Music III)	2
Music 52 (Materials of Music III)	6
Music 109 (Piano Literature to 1800)	1
Drake Curriculum	Cr.
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	18
Music 21 (Recitals, Required)	
Total	4
Sophomore Year — Second Semester	1
Applied Music Major	3
Applied Music Minor	1
Music 53 (Materials of Music IV)	2
Music 54 (Materials of Music IV)	3
Music 92 (Advanced Keyboard Skills)	1
Music 110 (Piano Literature from 1800 to the Present)	Cr.
Drake Curriculum	16
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	
Music 21 (Recitals, Required)	4
Total	3
Junior Year — First Semester	3
Applied Music Major	2
Music 107 (Analysis of Post-Tonal Music)	3
Music 111 (History of Music I)	1
Music 161 (Conducting) or Music 163 (Choral Conducting)	Cr.
Drake Curriculum	16
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	4
Music 21 (Recitals, Required)	3
Total	3
Junior Year — Second Semester	3
Applied Music Major	3
Music 112 (History of Music II)	1
Music 113 (Piano Studio Teaching Techniques and Materials)	Cr.
Drake Curriculum	17
Free Elective	4
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	10
Music 21 (Recitals, Required)	1
Total	Cr.
Senior Year — First Semester	15

Applied Music Major	4
Drake Curriculum or Free Electives	8 or 9
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	1
Music 21 (Recitals, Required)	Cr.
Total	Cr. 13 or 14
Senior Year — Second Semester	
Applied Music Major	
Drake Curriculum or Free Electives	
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	
Music 21 (Recitals, Required)	
Senior Recital (Required)	
Total	

The program of study for students majoring in applied instrumental music is outlined below.

	<b>Credits</b>
First Year — First Semester	
Applied Music Major	4
Music 6 (Piano Laboratory I or Applied Music Minor)	1
Music 1 (Materials of Music I)	3
Music 2 (Materials of Music I)	1
Music 5 (Intro. to Music Literature)	3
First Year Seminar	3
Ensemble — Music 148 or 150 (Band or Orchestra)	1
Music 21 (Recitals, Required)	Cr.
Total	16
First Year — Second Semester	4
Applied Music Major	1
Music 7 (Piano Laboratory II or Applied Music Minor)	3
Music 3 (Materials of Music II)	1
Music 4 (Materials of Music II)	6
Drake Curriculum	1
Ensemble — Music 148 or 150 (Band or Orchestra)	Cr.
Music 21 (Recitals, Required)	16
Total	
Sophomore Year — First Semester	4
Applied Music Major	1
Music 49 (Piano Laboratory III or Applied Music Minor)	3
Music 51 (Materials of Music III)	1
Music 52 (Materials of Music III)	6
Drake Curriculum	1
Ensemble — Music 148 or 150 (Band or Orchestra)	Cr.
Music 21 (Recitals, Required)	16
Total	
Sophomore Year — Second Semester	4
Applied Music Major	1
Music 50 (Piano Laboratory IV or Applied Music Minor)	3
	1
	6

Music 53 (Materials of Music IV)	1
Music 54 (Materials of Music IV)	Cr.
Drake Curriculum	16
Ensemble — Music 148 or 150 (Band or Orchestra)	
Music 21 (Recitals, Required)	4
Total	3
	3
Junior Year — First Semester	2
Applied Music Major	2
Music 107 (Analysis of Post-Tonal Music)	1
Music 111 (History of Music I)	Cr.
Music 114 (Studio Teaching Procedures)	15
Music 161 (Conducting)	
Ensemble — Music 148 or 150 (Band or Orchestra)	4
Music 21 (Recitals, Required)	3
Total	2
	1
Junior Year — Second Semester	
Applied Music Major	7
Music 112 (Music History II)	1
Instrumental Literature:	Cr.
Music 106 (Symphonic Literature) OR	18
Music 116 (String Literature) OR	
Music 130 (Directed Independent Study)	4
Music 181 (Chamber Ensemble)	10 or 11
Drake Curriculum or Free Electives	1
Ensemble — Music 148 or 150 (Band or Orchestra)	Cr.
Music 21 (Recitals, Required)	15 or 16
Total	4
	9
Senior Year — First Semester	
Applied Music Major	1
Drake Curriculum or Free Electives	Cr.
Ensemble — Music 148 or 150 (Band or Orchestra)	Cr.
Music 21 (Recitals, Required)	14
Total	
Senior Year — Second Semester	
Applied Music Major	
Drake Curriculum or Free Electives	
Ensemble — Music 148 or 150 (Band or Orchestra)	
Music 21 (Recitals, Required)	
Senior Recital (Required)	
Total	

The program of study for the student majoring in applied vocal music is outlined below.

First Year — First Semester	<b>Credits</b>
Applied Music Major	4
Music 6 (Piano Laboratory I) or Applied Music Minor	1

Music 1 (Materials of Music I)	3
Music 2 (Materials of Music I)	1
Music 75 (Diction I)	2
First Year Seminar	3
Ensemble — Music 149 (Choir)	1
Music 21 (Recitals, Required)	Cr.
Total	15
First Year — Second Semester	3
Applied Music Major	3
Music 3 (Materials of Music II)	1
Music 4 (Materials of Music II)	3
Music 5 (Intro. to Music Literature)	1
Music 7 (Piano Laboratory II or Applied Music Minor)	2
Music 76 (Diction II)	3
Drake Curriculum	1
Ensemble — Music 149 (Choir)	Cr.
Music 21 (Recitals, Required)	17
Total	4
Sophomore Year — First Semester	1
Applied Music Major	3
Music 49 (Piano Laboratory III or Applied Music Minor)	1
Music 51 (Materials of Music III)	6
Music 52 (Materials of Music III)	1
Drake Curriculum	Cr.
Ensemble — Music 149 (Choir)	16
Music 21 (Recitals, Required)	
Total	4
Sophomore Year — Second Semester	1
Applied Music Major	3
Music 50 (Piano Laboratory IV or Applied Music Minor)	1
Music 53 (Materials of Music IV)	6
Music 54 (Materials of Music IV)	1
Drake Curriculum	Cr.
Ensemble — Music 149 (Choir)	16
Music 21 (Recitals, Required)	4
Total	3
Junior Year — First Semester	3
Applied Music Major	2
Music 107 (Analysis of Post-Tonal Music)	2
Music 111 (History of Music I)	4
Music 163 (Choral Conducting)	1
Music 154 (Vocal Pedagogy)	Cr.
Foreign Language/DULAP	17
Ensemble — Music 149 (Choir)	4
Music 21 (Recitals, Required)	3
Total	4
Junior Year — Second Semester	6
Applied Music Major	1
	Cr.

Music 112 (History of Music II)	18
Foreign Language/DULAP	
Drake Curriculum or Free Electives	4
Ensemble — Music 149 (Choir)	2
Music 21 (Recitals, Required)	2
Total	3
	9 - 10
Senior Year — First Semester	1
Applied Music Major	Cr.
Music 140 (Vocal Literature)	17
Music 154 (Vocal Pedagogy)	
Music Elective	4
Drake Curriculum or Free Electives	9 - 10
Ensemble — Music 149 (Choir)	1
Music 21 (Recitals, Required)	Cr.
Total	Cr.
	16 - 17
Senior Year — Second Semester	
Applied Music Major	
Drake Curriculum or Free Electives	
Ensemble — Music 149 (Choir)	
Music 21 (Recitals, Required)	
SENIOR RECITAL (Required)	
Total	

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# **| Drake University**

## **Music Education**

### **Degree Option**

Bachelor of Music Education with a major in music education.

### **Description of Program**

Completion of the program leading to the Bachelor of Music Education degree qualifies the candidate for a State of Iowa Teaching Certificate. Applicants who qualify for certificates in other states are recommended for those certificates by the School of Education.

Candidates for this degree must complete a total of 130 to 136 credits: 18 credits in applied music, 19 credits in music theory, 12 credits in music history-literature, 16 to 20 credits of music education and methods courses, 27 credits of professional education and 7 credits of ensemble, plus the Drake Curriculum.

The student qualifies for ensemble/general classroom music teaching in the public schools upon completion of the degree requirements. The student also achieves specialization in one of two areas: instrumental/general music or choral/general music. Degree programs vary depending upon student interest in the above areas.

All candidates for the Bachelor of Music Education degree must satisfy minimum keyboard proficiency requirements specified for choral or instrumental music teachers. A detailed description of these requirements is available from the Music Education Area head. The required four-semester keyboard sequence helps prepare students to take the proficiency examination.

Students choosing a keyboard instrument as the major applied area must complete 4 credit hours of wind, percussion or string instrument for an instrumental emphasis or 4 credit hours of applied voice study for a choral emphasis.

At the end of the sophomore year, students in the Bachelor of Music Education degree program are subject to a progress review by members of the music faculty. Results of the review are used to advise students concerning continuation in the Music Education Program. A similar review is required for all transfer students in the Bachelor of Music Education degree program at an appropriate time in their study.

All Drake University music education majors are required to hold a current membership in Collegiate Music Education's National Conference (CMENC), the student affiliate of the professional organization for music education. Students are expected to actively participate and attend regularly scheduled meetings held throughout the academic year, as well as attend the Iowa Music Education Association's state music conference in November. Additionally, Drake University

music education majors are expected to hold membership and participate in discipline-specific student organizations such as the American Choral Directors Association (ACDA) and National/Iowa Bandmasters Association (N/IBA) to allow for further professional growth and development in the fields of vocal and instrumental music education.

## Requirements for Major

The basic program of study for the music education major is outlined below.

### Instrumental/General Classroom Emphasis

	Credits
First Year — First Semester	
Applied Music Major	2
Music 6 (Piano Laboratory I or Applied Music Minor)	1
Music 1 (Materials of Music I)	3
Music 2 (Materials of Music I)	1
Music 5 (Introduction To Music Literature)	3
First Year Seminar	3
Drake Curriculum	3
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	1
Music 21 (Recitals, Required)	Cr.
Total	17
First Year — Second Semester	2
Applied Music Major	1
Music 7 (Piano Laboratory II or Applied Music Minor)	3
Music 3 (Materials of Music II)	1
Music 4 (Materials of Music II)	4
Drake Curriculum	1
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	3
EDUC 106 Human Development	Cr.
Music 21 (Recitals, Required)	15
Total	2
Sophomore Year — First Semester	1
Applied Music Major	3
Music 49 (Piano Laboratory III or Applied Music Minor)	1
Music 51 (Materials of Music III)	1
Music 52 (Materials of Music III)	1
Music 62 (Voice Methods and Materials)	3
Instrumental Methods*	3
SPED 120 Intro to Exceptional Children	1
Educ 103 (Foundations)	Cr.
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	16
Music 21 (Recitals, Required)	
Total	2
Sophomore Year — Second Semester	1
Applied Music Major	3
Music 50 (Piano Laboratory IV or Applied Music Minor)	1
	3



Music 53 (Materials of Music IV)	1
Music 54 (Materials of Music IV)	6
Music 81 (World Music)	1
Instrumental Methods*	Cr.
Drake Curriculum	18
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	
Music 21 (Recitals, Required)	2
Total	3
	3
Junior Year — First Semester	2
Applied Music Major	2
Music 107 (Analysis of Post-Tonal Music)	3
Music 111 (History of Music)	2
Music 146 (Techniques in Jazz Performance)	1
Instrumental Methods*	Cr.
Music 156 (Elementary Vocal/General/Music Education)	18
Educ 109 (Educational Technology)	
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	2
Music 21 (Recitals, Required)	3
Total	2
	3
Junior Year — Second Semester	3
Applied Music Major	3
Music 112 (History of Music II)	1
Instrumental Methods*	Cr.
Music 159 (Instrumental Performance In the Junior and Senior High School)	17
Drake Curriculum	
EDUC 142 (Reading and Interdisciplinary Curriculum)	
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	
Music 21 (Recitals, Required)	
Total	

By the completion of the junior 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.

Senior Year — First Semester	
Applied Music Major	
Instrumental Methods*	
Music 134 (Marching Band Technique)	
Music 161 (Instrumental Conducting)	
Music 162 (Planning and Assessment in Music Education)	
Drake Curriculum	
Educ 164 (Persp Race, Ethn, Gndr)	
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	
Music 21 (Recitals, Required)	
Total	

Senior Year — Second Semester	
EDUC 166 (Student Teaching: Elementary)	
EDUC 167 (Student Teaching Seminar)	
EDUC 168 (Student Teaching: Secondary)	
EDUC 169 (Electronic Portfolio)	
Total	

\*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:

Music 61 (String Methods and Materials)  
Music 65 (High Brass Methods and Materials)  
Music 66 (Low Brass Methods and Materials)  
Music 67 (Single Reed and Flute Methods and Materials)  
Music 68 (Double Reed Methods and Materials)  
Music 71 (Percussion Methods and Materials)

#### Choral/General Classroom Emphasis

	<b>Credits</b>
First Year — First Semester	
Applied Music Major	
Music 6 (Piano Laboratory I or Applied Music Minor)	2
Music 1 (Materials of Music I)	1
Music 2 (Materials of Music I)	3
Music 5 (Introduction To Music Literature)	1
Music 75 (Diction for Singers I)	3
First Year Seminar	2
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	3
Music 21 (Recitals, Required)	1
Total	Cr. 16
First Year — Second Semester	
Applied Music Major	2
Music 7 (Piano Laboratory II or Applied Music Minor)	1
Music 3 (Materials of Music II)	3
Music 4 (Materials of Music II)	1
Music 76 (Diction for Singers II)	2
Music 81 (World Music)	3
EDUC 106 (Human Development)	3
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	1
Music 21 (Recitals, Required)	Cr.
Total	16
Sophomore Year — First Semester	2
Applied Music Major	1
Music 49 (Piano Laboratory III or Applied Music Minor)	3
Music 51 (Materials of Music III)	1
Music 52 (Materials of Music III)	4
Drake Curriculum	3

EDUC 103 (Foundations)	3
SPED 120 (Introduction to Exceptional Children)	1
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	Cr.
Music 21 (Recitals, Required)	18
Total	2
Sophomore Year — Second Semester	1
Applied Music Major	3
Music 50 (Piano Laboratory IV or Applied Music Minor)	1
Music 53 (Materials of Music IV)	9
Music 54 (Materials of Music IV)	1
Drake Curriculum	Cr.
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	17
Music 21 (Recitals, Required)	
Total	2
Junior Year — First Semester	3
Applied Music Major	3
Music 107 (Analysis of Post-Tonal Music)	2
Music 111 (History of Music 1)	3
Music 156 (Elementary Vocal/General Music Education)	1
Music 163 (Choral Conducting)	Cr.
EDUC 164 (Perspectives in Race, Gender, Ethnicity)	17
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	
Music 21 (Recitals, Required)	2
Total	3
Junior Year — Second Semester	3
Applied Music Major	2
Music 112 (History of Music II)	2
Music 158 (Secondary Vocal/General Music Education)	3
Music 166 (Advanced Choral Conducting)	1
EDUC 109 (Educational Technology)	Cr.
MVC 155 (Jazz & Show Choir Techniques)	2
EDUC 142 (Reading and Interdisciplinary Curriculum))	18
Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	
Music 21 (Recitals, Required)	
Total	

By the completion of the junior 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.

Senior Year — First Semester	<b>Credits</b>
Applied Music Major	2
Music 154 (Vocal Pedagogy)	2
Music 162 (Planning and Assessment in Music Education)	1
Music 164 (Survey of Orchestral Instruments for Vocal Majors)	1
Drake Curriculum	9

Ensemble — Music 148, 149 or 150 (Band, Choir or Orchestra)	2
Music 21 (Recitals, Required)	1
TOTAL	Cr. 18
Senior Year — Second Semester	
EDUC 166 (Student Teaching: Elementary)	5
EDUC 167 (Student Teaching Seminar)	1
EDUC 168 (Student Teaching: Secondary)	6
EDUC 169 (Electronic Portfolio)	1
TOTAL	13

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# **| Drake University**

## **Minor in Military Studies**

### **Description of Minor**

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.

### **Requirements for Minor**

Drake University students can receive a minor for military studies by completing 18 hours of specialized coursework in military studies. This includes 12 hours from a combination of either of the two ROTC programs, regardless of whether or not a commission in the Armed Forces is tendered, and 6 credit hours from non-ROTC courses on related military topics.

Drake 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.

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# | Drake University

## Music

### Description of 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 24 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.

### Requirements for Minor

<b>REQUIRED COURSES</b>	<b>Credits</b>
<b>APPLIED MUSIC</b> (four semesters)	
MUSIC 1 (Materials of Music I)	4
MUSIC 2 (Materials of Music I)	3
MUSIC 3 (Materials of Music II)	3
MUSIC 4 (Materials of Music II)	1
MUSIC 5 (Intro. to Music Literature)	3
MUSIC HISTORY/LITERATURE —	1
MUSIC 10, 73, 78, 81, 95, 96, 106, 109, 110, 111, 112, 119, or 140	3
MUSIC ELECTIVES (Any music course for which the student is qualified.	3 - 4
No more than two ensemble or six additional applied music hours apply toward the minor requirement.)	5 - 6
<b>TOTAL</b>	<b>23 - 25</b>

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# Theatre

## Description of Minor

For BA students wishing to minor in theatre arts, the following courses are suggested by the department.

## Requirements for Minor

	Credits
THEA 3 (Technique of Acting I)	3
THEA 4 (Technique of Acting II)	3
THEA 14 (Movement I)	2
THEA 20 (Voice I)	2
THEA 30 (Stagecraft I)	4
THEA 31 (Costuming I)	4
THEA 32 (Makeup)	3
THEA 76 (Introduction to the Theatre)	3
THEA 120 or 121 (Theatre History I or II )	3
TOTAL	27

Students can no longer take History II without taking History I first.

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## University Calendar

**Toward a Universal Suffrage:  
African American Women in Iowa  
and the Vote for All**

FEB 25 - MAR 7

**51st Annual Juried Student  
Exhibition Call for Entries**

FEB 25 12AM - FEB 28

**CTE Conversation: What Do We Do  
with Student Evaluations?**

FEB 25 11AM

**BUILD Class: OT Mindfulness**

# Theatre

## Description of Minor

For BA students wishing to minor in theatre arts, the following courses are suggested by the department.

## Requirements for Minor

	Credits
THEA 3 (Technique of Acting I)	3
THEA 4 (Technique of Acting II)	3
THEA 14 (Movement I)	2
THEA 20 (Voice I)	2
THEA 30 (Stagecraft I)	4
THEA 31 (Costuming I)	4
THEA 32 (Makeup)	3
THEA 76 (Introduction to the Theatre)	3
THEA 120 or 121 (Theatre History I or II )	3
TOTAL	27

Students can no longer take History II without taking History I first.



# | Drake University

## Art

### Description of Minor

The minor in art is designed for those students outside the Department of Art and Design who want basic training in art history graphic design or studio art. The minor of 21 credit hours generally consists of the following courses and chosen in consultation with an art and design faculty adviser.

### Requirements for Minor

**FOUNDATION**

ART 13 or ART 14 (2D or 3D Design)

ART 15 (Drawing I)

ART 75 - 76 (Survey of Western Art History I and II)

**AREAS OF CONCENTRATION**

Art History, Graphic Design and Studio Art (Drawing, Painting, Printmaking, Sculpture)

Select sequence of 3 courses from one of the above areas

TOTAL

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# | Drake University

## Geography

### Description of 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.

### Requirements for Minor

Minimum of 19 credit hours in geography. All geography minors complete a 10-credit-hour core of introductory courses — ENSP 21 and SCSG 3 — and the introductory techniques course, ENSP 65. In addition, the geography minor requires at least two 3-credit upper-division courses in geography.

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# Piano Pedagogy

## Description of Minor

This program is intended to be a supplemental area of study for the piano performance major interested in acquiring basic training in piano pedagogy. This is an attractive and viable supplement for pianists who may not wish to pursue careers as professional performers, but would like to learn more about the art of teaching.

Required Courses	Credit Hours
MUS 113 - Piano Studio Teaching Techniques and Materials	3
MUS 117 - Literature for Teaching Piano	3
MUS 135 - Studio Teaching of Piano	4
EDUC 103 - Foundations in Education	3
EDUC 105 / EDUC 106 - Human Development	3
<b>Total:</b>	16

# | Drake University

## Jazz Studies

### Description of 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.

### Requirements for Concentration

REQUIRED COURSES	Credits
MUSIC 10 (Jazz History)	2
MUSIC 12 (Jazz Theory and Keyboard)	2
MUSIC 55 (Jazz Improvisation I)	2
MUSIC 56 (Jazz Improvisation II)	2
MUSIC 133 (Jazz Arranging and Composition)	2
MUSIC 144 (Studio Recording Techniques)	2
MUSIC 145 (Jazz Ensemble, 2 semesters)	2
MUSIC 181 (Chamber Ensemble, Jazz Combo, 2 semesters)	2
*Applied Jazz (2 semesters). Prerequisites: Jazz Improvisation II or permission of instructor	2
	18
TOTAL	

\*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)

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# | Drake University

## Women's Studies

### Description of Concentration

The women's studies concentration is a multidisciplinary program that focuses on the totality of women's experiences, with attention to the social construction of gender identity and gender relations, and the intersection of gender with other categories of analysis and structure, namely, race, class and sexuality. Women's studies programs promote the comparative study of women and women's issues from a global perspective. The concentration is not a major but is compatible with many majors.

Women's studies concentrators choose from many disciplines to complete their concentration requirements. Only six credits may be selected from the same academic discipline.

For more information, contact the director of the Women's Studies Program.

### Requirements for Concentration

The concentration consists of 21 hours of coursework, distributed as follows:

1. WS 75/ENG 75/SCSS 75 Introduction to Women's Studies
2. Twelve hours chosen from the following core courses:

WS 99	Special Topics
WS 124	German Cinema
WS 145	Special Topics
EDUC 199	Adventure, Risk and Thinking
ENG 66	American Multicultural Literature
ENG 67	Introduction to Asian American Literature
ENG 77	Women and Literature
ENG 86	Reading and Writing Sexuality
ENG 88	Reading and Writing About Class
ENG 112	Reading and Writing Autobiography
ENG 120	Women in Horror Films
ENG 124	Salem Witch Trials
ENG 126	World Cinema
ENG 130	Film Noir
ENG 135	Adolescent Literature
ENG 136	Adolescence in American Literature
ENG 152	Early American Women Writers

ENG 160	Theories of Language and Discourse
ENG 162	Gender and the Body Politic
ENG 164	Latino/a Literature
ENG 165	Postcolonial Literature
ENG 168	Storytelling as a Social Practice
ENG 174	Social Difference in Writing
ENG 174	Queer Literature
ENG 178	Race Mixture in American Literature
HIST 108	Introduction to Women's History
HIST 115	American Indian History: 1492-1840
HIST 139	The New Woman: 1890-1945
HIST 156	Women in Revolutionary Europe: 1789-1848
HIST 157	Sex and Power in Peasant Society
HIST 159	American Women's History to 1850
HIST 170	History of U.S. Women since 1877
HIST 170	Race, Sex and Power in the American South
HIST 170	African-American Women in U.S. History
HONR 122	Fictions of Desire: Masculine/Feminine/Other
HONR 142	Speaking with Many Voices: A Sampling of Native American Voices
HONR 145	Gender and Culture in Islam
PHIL 91	Contemporary Ethical Problems
PHIL 153	Feminist Ethics
REL 151	Race, Religion and Civic Culture
REL 151	Sexuality and the Sacred
REL 151	New Voices, New Views
REL 151	Women and the Hebrew Scriptures
REL 155	Liberation and Feminist Theologies
POLS 109	Gender and War
POLS 112	Women and Politics
POLS 119	Feminist Legal Theory
POLS 176	Gender and World Politics
PSY 95	Stereotyping
PSY 95	Science Ethics and Diversity
PSY 137	Psychology of Gender
SCSA 101	Feminist Anthropologies
SCSA 150	Postcolonial South Asia
SCSA 150	Women in the Global Factory
SCSA 150	Gender and Globalization
SCSR 134	Rhetorics of Class
SCSR 134	Rhetorics of the American Family
SCSS 10	Intro to Sociology: Gender and Culture
SCSS 13	Intro to Sociology: Society, Culture and African Americans
SCSS 105	Race, Gender and Poverty
SCSS 130	Contemporary Chinese Society
SCSS 137	Women, Madness and Culture
SCSS 150	Race, Family and Identity in the U.S.

SCSS 150	Sociology of the Family
SCSS 150	Constructing Normal
SCSS 150	Global Reproductive Politics
SCSS 150	Ethics of Transnational Adoption
SCSS 156	Representing Race
SCSS 161	Race and Ethnicity
SCSS 167	Sociology of the African American Experience
SCSS 173	Global Citizenship
SCSS 174	Feminist Theories of Subjectivity
SCSS 176	Documenting Lives
SCSS 177	Gender and Violence
SCSS 180	Social Movements
SCSS 183	Gender Inequality

3. Three hours of Senior Seminar: Topics in Women's Studies (seniors only). One course chosen from:

WS 195	Space Matters II
WS 195	Voices of Resistance
EDUC 198	Educational Equity and Social Justice
EDUC 199	Feeding the Hunger Within: Global Perspectives in Spirituality and Learning
ENG 180	Literary Theory: Feminism
HIST 166	Women in the Western Intellectual Tradition
LAW 301	Women and the Law
LAW 330	Sexuality and the Law
HONR 151	Science, Cyborgs and Monsters

4. Three hours of Practicum/Praxis. Prerequisite: Minimum nine credit hours completed in Women's Studies (with a minimum 3.0 GPA), junior or senior status, and approval of a Women's Studies faculty adviser:

WS 191	Internship OR
WS 192	Independent Study

For more information, contact the Director of the Women's Studies Program.

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# **| Drake University**

## **Latin American Studies**

### **Description of Concentration**

The Latin American studies concentration is a multidisciplinary program that offers students a regional focus to complement their disciplinary focus. The concentration provides a coherent framework for the study of Latin America. The concentration is designed to prepare students for careers requiring specialized knowledge of the peoples, cultures and social systems of Latin America.

The Latin American studies concentration requires 18 credits of coursework, 9 credits of which must be taken at Drake. Latin American studies concentrators must demonstrate second language competence equivalent to one year of college study. Study abroad in Latin America is strongly advised. There are two options for study abroad: 1) a semester or year abroad with an affiliated program in Latin America; and 2) the Latin American Studies two-week travel seminar during the May interim term. The concentration offers an optional 3-hour integrative independent study ideally undertaken in the student's senior year and serving as a Capstone experience.

The distribution of courses comprising the concentration is determined by the student in consultation with his/her Latin American studies adviser. Together, student and adviser design a multidisciplinary program with courses chosen from at least 3 different disciplines. Courses chosen to complete the concentration should complement the student's major as well as fulfill the goals of the Latin American studies program. Students are encouraged to develop a special thematic or regional interest (for example, human rights in Latin America, the U.S.-Mexico border region) and to pursue that interest through a relevant cluster of courses.

### **Requirements for Concentration**

In choosing courses, major emphasis should be given to courses with a Latin American regional focus (including transfer credit from study abroad programs):

- ECON 175 (Economic Development)
- ENG 164 (Latino/a Literature)
- ENG 165 (Postcolonial Literature: The Américas)
- HIST 125 (Colonial Latin America)
- HIST 123 (Modern Mexico)
- HIST 126 (Modern Latin America)
- HIST 170 (Sex and Power in Aztec Empire)
- HIST 170 (Sport and Culture in Latin America)
- POLS 164 (Government and Politics in Latin America)

For more information, contact the director of Latin American Studies.



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# | Drake University

## Primate Studies

### Description of Concentration

Students electing to pursue a concentration in primate studies will:

- Develop an awareness and depth of understanding for primate evolutionary history, behavior and conservation.
- Engage in a significant experiential learning experience involving research on primatology in Des Moines or abroad. (Drake University is offering this concentration in collaboration with the Great Ape Trust and will consult with GAT faculty on making research opportunities onsite or abroad possible for many Drake students.)
- Pursue breadth outside of specific primatology courses so that students can gain an appreciation for how the science of primatology fits in with larger scientific or cultural issues. Students will attain significant professional preparation for a graduate program in primatology.

### Requirements for Concentration

#### **Required Core Classes (12 credits)**

BIO98 (Introduction to Primatology) 3 credits

PSYCH129 (Primate Cognition and Learning) 3 credits

ENSP127 (Primate Conservation) 3 credits

BIO197/ENSP197/PSYCH192 (Primatology Practicum/Capstone) 3 credits

#### **Electives (must take at least 2)**

ANTH002 (Introduction to Cultural Anthropology)

GEOG134 (Africa)

GEOG176 (South Asia)

BIO104 (Evolution)

BIO105 (Genetics)

BIO117 (Ecology)

BIO129 (Mammalian Physiology)

ENSP50 (Tropical Ecology)

ENSP135 (Global Change)

PSYCH122 (Sensation and Perception)

PSYCH123 (Biological Basis of Behavior)

PSYCH128 (Behavioral Endocrinology)

ENSP/BIO/PSYCH -- Special Topics in Primatology

*Adviser-approved electives*

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# Behavioral Analysis of Developmental Disabilities

## Description of Concentration

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.

## Requirements for Concentration

Required Courses:	PSY 1 Introduction to Psychology	4 hours
	PSY 60 Principles of Behavior	3 hours
	SPED 153 Applied Behavior Analysis and PBS (Recommend PSY 60 prior to SPED 153)	3 hours
Required Either:	PSY 42 Child and Adolescent Development	3 hours
	<b>OR</b>	
	EDUC 105 Human Development (Elem & Early Child)	3 hours
	<b>OR</b>	
	EDUC 106 Human Development (Secondary)	3 hours
Required Either:	SPED 120 Introduction to Special Education	3 hours
	<b>OR</b>	
	SPED 152 Charting and Assessment of Young Children with Needs	3 hours
Required Either:	PSY 148 Psychology of Developmental Disabilities	3 hours
	<b>OR</b>	
	PSY 195 Behavior Analysis of Child Development	3 hours

# **| Drake University**

## **Drake University Language Acquisition Program**

The Drake University Language Acquisition Program (DULAP) is a unique, learner-centered approach to language education/learning. The Program offers several languages: Arabic, Chinese, French, German, Japanese, Russian and Spanish. Professors and native speakers mentor students as they gain functional proficiency 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 native speakers and language acquisition specialists.

Students in their first semester of language study at Drake enroll in both the language course of their choosing and the co-requisite Language Learning Strategies course. Together, this is a five credit-hour commitment. Both courses are explained in detail below.

### **Language Courses:**

Focusing on the development of functional communicative competency, students learn to use the language rather than merely learning about the language.

Students work with native speakers in groups of five or fewer three times per week. The native speaker helps them learn how speakers of that language really speak. This immersion experience simulates, on a small scale, the way in which students learned their first language. The opportunity to practice grammar and to have questions answered in English is available from a professor of the language being studied. These faculty members meet once a week with students, train the native speakers, design curriculum, and do many other things to assist students to improve their proficiency as they study. Students are primarily evaluated through midterm and final examinations and an electronic portfolio. All midterm and final examinations include an oral interview with the professor, with content based on the materials assigned in the syllabus. Questions may include materials not directly assigned, but those appropriate to the students experience and skill level. The ePortfolio is a collection of work produced by a student which documents his/her improving competencies through the time of study.

### **Language Learning Strategies Course**

In the Language Learning Strategies Course (LAP 098), students are equipped with the skills to become successful language learners in the program. Students of all languages and skill levels take this course during their first semester in the program. The two-credit-hour course is taught by the language Professors.

Several topics are covered throughout the semester. Students learn to:

- Utilize new strategies to help them become more effective language learners.
- Reflect critically on the progress they are making in the target language and as language learners in general.
- Use the technology required to complete specific assignments and document progress through the ePortfolio.

## **Enrolling in Language Courses**

Students interested in taking classes in DULAP must submit the online application (available on the DULAP website: </international/dulap/> ). Students who have previous experience studying the language must complete the placement process to ensure that they begin study in DULAP at the level for which they are prepared. Students are registered for DULAP courses by the program; students do not register themselves.

Drake University does not have a general language requirement; several academic programs require language study (Education endorsements in French, German, and Spanish; the Global Ambassador Certificate; International Business; International Relations; and Vocal Performance).

## **Additional Activities**

In addition to the academic offerings, the language program organizes additional opportunities for students to improve their linguistic competence and gain additional cultural knowledge. Students can, for example, interact with members of the Des Moines community who speak the language at events such as *Día de los Muertos*. They might also participate in Drake's International Film Festival. Occasionally, the program sponsors other activities such as karaoke night, an origami workshop, and weekly language tables.

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# Graduation Requirements

```
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```

# Academic Regulations

```
<.html $filestuff = $_SERVER['DOCUMENT_ROOT'].'/catalog/archive/portal-resource-  
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```

- [Areas of Study](#)
- [Department of Arts and Design](#)
- [Department of Music](#)
- [Department of Theatre](#)
- [Facilities](#)
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- [Scholarships](#)

# College of Arts and Sciences

## Areas of Study

### College of Arts and Science

The divisions of Humanities, Natural Sciences and Social Sciences offer study leading to the **Bachelor of Arts** and **Bachelor of Science** degrees in the following major areas:

#### Bachelor of Science

- [Anthropology and Sociology](#)
- [Astronomy](#)
- [Biochemistry, Cell and Molecular Biology](#)
- [Biology](#)
- [Chemistry](#)
- [Computer Science](#)
- [English](#)
- [Environmental Policy](#)
- [Environmental Science](#)
- [History](#)
- [International Relations](#)
- [Law, Politics and Society](#)
- [Mathematics](#)
- [Mathematics Education](#)
- [Neuroscience](#)
- [Philosophy](#)
- [Physics/Physics Engineering](#)
- [Politics](#)
- [Psychology](#)
- [Religion](#)
- [Rhetoric and Communication Studies](#)
- [Sociology](#)
- [Study of Culture and Society](#)
- [Writing](#)

#### Bachelor of Fine Arts

- [Graphic Design](#)
- [Studio Art](#)
- [Theatre](#)
- [Musical Theatre](#)
- [Theatre Acting](#)
- [Theatre Directing](#)
- [Theatre Design](#)

#### Bachelor of Arts

- [Art History](#)
- [Graphic Design](#)
- [Studio Art](#)
- [Music](#)
- [Quantitative Economics](#)
- [Theatre](#)

#### Bachelor of Music

- [Music Business](#)
- [Music Performance \(Applied Music\)](#)

#### Bachelor of Music Education

- [Music Education](#)

#### Minors

- [Military Studies](#)
- [Music](#)
- [Theatre](#)
- [Art](#)
- [Geography](#)
- [Piano Pedagogy](#)

#### Concentrations

- [Jazz Studies](#)
- [Women's Studies](#)
- [Latin American Studies](#)
- [Primate Studies](#)
- [Behavior Analysis of Developmental Disabilities](#)

#### Additional Options

- [Language Acquisition Program \(DULAP\)](#)

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# Department of Arts and Design

[https://cms.drake.edu/catalog/ugrad/sfa/art\\_department.html](https://cms.drake.edu/catalog/ugrad/sfa/art_department.html)

# Department of Music

[illegible]

# | Drake University

## Faculty

### Faculty

#### Professors

ARCHER, JULIAN (1968), Professor of History. B.A., University of Arkansas; M.A., University of Colorado; Ph.D., University of Wisconsin.

BARTSCHAT, KLAUS (1988), Ellis and Nelle Levitt Professor of Physics. Diploma, Ph.D., Habilitation, University of Munster.

BECKMANN-COLLIER, AIMEE (1991), Professor of Conducting; Director of Choral Activities. B.M., Saint Mary's College; M.M., D.M.A., University of Iowa.

BOHORQUEZ, MARIA DEL VALLE (1995), Windsor Professor of Science and Professor of Chemistry. Chair of the Chemistry Department. Director of the Drake Undergraduate Science Collaborative Institute. Ph.D., University of Rio Cuarto, Argentina.

BURNEY, JOHN M. (2003), Associate Provost and Professor of History. B.A., Creighton University; M.A., M.Phil and Ph.D., University of Kansas.

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

CLAPHAM, MARIA MACIEJCZYK (1990), Professor of Psychology. Chair of the Psychology Department. B.S., Loyola University of Chicago; M.S., Ph.D., Iowa State University.

CLASSEN, ANDREW B. (1992), Fred and Patty Turner Professor in Jazz Studies; Jazz Ensemble Director; Assistant Director of Bands. B.A., University of Wisconsin-Eau Claire; M.M., University of Tennessee. Trumpet with Minnesota Orchestra, Knoxville Symphony and Missouri Chamber Orchestra.

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

DE LAET, DEBRA L. (1995), Professor of Politics and International Relations. B.A., Miami University of Ohio; M.A., Ph.D., University of Notre Dame.

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BLACK, RICHARD R., Professor Emeritus of Art.

BROWN, JOANNE H., Associate Professor Emerita of English.

CANARINA, JOHN, Professor Emeritus of Conducting and Orchestral Activities.

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CONNER, KAREN A., Professor Emerita of Sociology.

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GARFIELD, SALLY, Associate Professor Emerita of Theatre Arts.

GILDNER, GARY, Professor Emeritus of English.

HANE, NORMAN, Professor Emeritus of English.

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HAUPTMANN, MARGARET, Associate Professor Emerita of Voice.

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HOULETTE, WILLIAM, Associate Professor Emeritus of History.

JACKSON, PAUL J., Dean and Professor Emeritus of Music.

KADARAVEK, MILAN, Ellis and Nelle Levitt Professor Emeritus of Piano.

KATZ, GEORGE, Professor Emeritus of Music.

KAWA, FLORENCE, Professor Emerita of Art.

KEYWORTH, DONALD R., Professor Emeritus of Philosophy.

KINGSBURY, PHYLLIS, Associate Professor Emerita of Biology.

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.

LLOYD, KENNETH E., Professor Emeritus of Psychology.

LUCAS, GENE, Professor Emeritus of Biology.

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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.

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SORIA, MARIO, Professor Emeritus of Spanish.

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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.

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# **| Drake University**

## **College of Business and Public Administration**

The Drake University College of Business and Public Administration provides a four-year undergraduate program leading to the BS in Business Administration (BSBA). The graduate programs lead to the Master of Business Administration (MBA), Master of Accounting (MACC), Master of Public Administration (MPA) and Master of Financial Management (MFM).

## **College Vision Statement**

To be a provider of choice for professional management education in the Midwest.

## **College Mission Statement**

To educate effective business and professional leaders by bringing the world into the classroom and taking the classroom into the world.

## **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](#)
- [Graduation Requirements](#)
- [Academic Regulations](#)
- [Faculty](#)



# College of Business and Public Administration

## Areas of Study

In the undergraduate program, students concentrate on a prescribed core of courses and a selected major in one of the following areas of concentration:

- [Accounting](#)
  - Accounting/Actuarial Science
  - Accounting/Finance
  - offered as a combined major with any other business major in addition to Actuarial Science and Finance as listed
- [Actuarial Science](#)
  - Actuarial Science/Finance
- [Economics](#)
- [Entrepreneurial Management](#)
- [Finance](#)
- [General Business](#)
- [Information Systems](#)
- [Insurance\\*](#)
- [International Business](#)
- [Law and Business\\*](#)
- [Management](#)
- [Marketing](#)
- [Business\\*\\*](#)
- [Quantitative Economics](#)

\* Insurance and Law and Business are concentrations, not majors.

\*\* Business is a minor, not a major.

The Drake University College of Business and Public Administration BSBA, MBA, MFM, MPA, and MACC degrees are nationally accredited by AACSB (International — The Association to Advance Collegiate Schools of Business).

# **| Drake University**

## **Accounting**

### **Degree Options**

Bachelor of Science in Business and Administration with a major in accounting.

### **Description of Program**

The Drake University School of Accounting is accredited by AACSB International. Approximately 160 of the more than 800 accounting programs in the United States have attained this accreditation; fewer than 10 accounting programs outside the United States are accredited by AACSB International.

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), Certified Internal Auditor (CIA) and the Certificate in Financial Management (CFM). 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 consultants and business consultants in public accounting; in cost control, budgeting, internal auditing, financial reporting and tax planning in industry and the not-for-profit sector; and in government as auditors and financial managers.

### **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 choose to pursue the full accounting major, which requires 27 hours of accounting beyond Accounting 41 (Introduction to Financial Accounting) and 42 (Introduction to Managerial Accounting), or to pursue a joint major in accounting and another discipline in the College of Business and Public Administration.

The joint accounting major provides an in-depth study in both accounting and another business discipline within the 124 hours needed to receive the B.S.B.A.

degree.

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 the CPA. 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, double majors that include accounting and joint accounting majors. The School of Accounting admits students who have satisfactorily met the following requirements:

1. Junior standing.
2. 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: English 1 or a First-Year Seminar; Information Systems 44; Mathematics 28 or higher; Economics 1 and 2; Statistics 71 and 72; and Accounting 41 and 42.
3. Attainment of a cumulative GPA of 2.50 or higher on all work completed at Drake University together with all work accepted as transfer credit to Drake.
4. Students transferring more than 48 credit hours to Drake must complete at least 12 credits at Drake with a GPA of 2.50 or higher, including a "C" or better in Accounting 115, Accounting 185, or Accounting 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.

Suggested course sequence in the major:

<b>Freshman Year</b>	
<b>Fall Semester</b>	<b>Credit Hours</b>
Accounting 41 (Introduction to Financial Accounting)	3
<b>Spring Semester</b>	
Accounting 42 (Introduction to Managerial Accounting)	3
<b>Sophomore Year</b>	
<b>Fall Semester</b>	<b>Credit Hours</b>
Accounting 80 (Accounting Information Systems)	3
<b>Spring Semester</b>	
Accounting 90 (Profit Planning and Control)	3
Business Law 60 (Business Law I)	3
<b>Junior Year</b>	
<b>Fall Semester</b>	<b>Credit Hours</b>
Accounting 115 (Cost Accounting)	3
Accounting 165 (Financial Accounting I)	3
<b>Spring Semester</b>	
Accounting 166 (Financial Accounting II)	3
Accounting 175 (Auditing Principles)	3
<b>Senior Year</b>	
<b>Fall Semester</b>	<b>Credit Hours</b>
Accounting 185 (Individual Taxation)	3
Accounting 167 (Financial Accounting III)	3
<b>Spring Semester</b>	
Accounting 186 (Business Entity Taxation)	3

# Accounting Joint Majors

The purpose of the joint majors 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 joint major requires three fewer accounting courses and there are some modifications in the other business major as well. At the completion of a joint accounting major, a student meets the education requirement to sit for the Certified Management Accounting (C.M.A.), Certificate in Financial Management (C.F.M.), and Certified Internal Auditor (C.I.A.) 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 of business entities 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 C.P.A. professional certification.

A joint accounting major requires:

1. Acceptance of the student into the School of Accounting.
2. Completion of Accounting 80, 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 major in the College of Business and Public Administration.

The joint majors and requirements by the complementary non-accounting discipline are:

## **A. Joint Program: Accounting/Actuarial Science**

- Non-business requirement: Mathematics 50, 70, 80 and 100.
- Business core: Statistics 71 and 72 are replaced by Statistics 131 and 141
- Actuarial Science requirement: Actuarial Science 140, 150 and 151; Statistics 132; Finance 102; Finance 150.
- For the student to be fully prepared for the fourth professional actuarial science examination, he/she should complete Actuarial Science 160 – Credibility and Simulation. Statistics 142 – Statistical Modeling and Data Analysis II OR Economics 107 – Econometrics is required to earn Validation by Educational Experience credit from the actuarial societies.

## **B. Joint Program: Accounting/Finance**

- Non-business requirement: Economics 105
- Finance requirement: Finance 102, 119, 193, 197 plus the requirements of one of the finance tracks

## **C. Joint Program: Accounting/International Business**

- Non-business requirement: Economics 130, Political Science 65, Psychology 1, SCS-Geography 3.
- Business requirement: Business 170, Finance 170, Marketing 170, and either Management 145 or 160
- Foreign language and
- Three area study courses. The area study consists of three courses drawn from Anthropology, Geography, History, Political Science, or Economics. All three courses cannot be in the same subject area and at most one course can be in Economics. The student may choose either a global perspective (world geography, world politics and modern world history) or a particular region of the world to study from among Europe, Asia, Africa or Latin America.
- 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.

#### **D. Joint Program: Accounting/Information Systems**

- Non-business requirement: Computer Science 65
- Information Systems requirement: IS 50, 80, 145, 160, 172 and 180

#### **E. Joint Program: Accounting/Management**

- Non-business requirement: SCS-Sociology 1, Psychology 1
- Management requirement: Four of the following courses, Management 145, 160, 175, 182, or Business 170

#### **F. Joint Program: Accounting/Marketing**

- Non-business requirement: SCS-Sociology 1, Psychology 1, one 100-level economics course
- Marketing requirement: Marketing 113, 118 and four of the following: Marketing 106, 108, 109, 114, 115, 170 or JMC 176

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# | Drake University

## Actuarial Science

### Degree Options

Bachelor of Science in Business and Administration with a major in actuarial science.

### Description of Program

The actuarial science program strives to provide high-quality undergraduate-level preparation for students planning careers in the actuarial profession. Students should be prepared to be business leaders in the financial services industry as well as be thoroughly grounded in the technical skills required for actuarial work.

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 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)
- Students are encouraged to take Computer Science 65 (Introduction to Computer Science I) in place of or in addition to Information Systems 44 (IT Applications for Business).

Business core:

- Statistics 71 and 72 are replaced by Statistics 131 (Introduction to Probability I) and Statistics 141 – (Statistical Modeling and Data Analysis I)
- Actuarial Science 140 (Theory of Interest)
- Actuarial Science 150, 151 (Life Insurance Mathematics I, II)
- Statistics 132 (Introduction to Probability II)
- Statistics 142 (Statistical Modeling and Data Analysis II) or ACTS 160

- (Credibility and Simulation) or Economics 107 (Econometrics)
- Finance 102 (Advanced Corporate Finance)
- Finance 150 (Derivatives Mathematics)

To be fully prepared for the fifth professional examination, students should also complete Actuarial Science 160.

For a current model schedule, see the Actuarial Science Web site: </cbpa/acts>

## **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)
- Students are encouraged to take Computer Science 65 (Introduction to Computer Science I) in place of or in addition to Information Systems 44 (IT Applications for Business.)

Business core:

- Statistics 71 and 72 are replaced by Statistics 131 (Introduction to Probability I) and Statistics 141 (Statistical Modeling and Data Analysis I)

Requirements for major:

- Actuarial Science 140 (Theory of Interest)
- Actuarial Science 150, 151 (Life Insurance Mathematics I and II)
- Statistics 132 (Introduction to Probability II)
- Economics 105 (Money and Banking)
- Finance 102 (Advanced Corporate Finance)
- Finance 150 (Derivatives Mathematics)
- Finance 193 (Portfolio Analysis)
- Finance 197 (Seminar in Finance)
- Two of the following three:
  - Finance 119 (Financial Institutions, Instruments and Markets)
  - Finance 129 (Financial Institutions Management)
  - One of Economics 174 (Intermediate Macroeconomic Analysis), Finance



170 (International Finance), and Finance 190 (Equity Valuation and Analysis)

To be fully prepared for the fifth professional examination, students should also complete Actuarial Science 160 (Credibility and Simulation). Statistics 142 (Statistical Modeling and Data Analysis II) or Economics 107 (Econometrics) is needed for the Validation by Educational Experience requirement of the actuarial societies.

For a model schedule for sequencing these courses, see the Actuarial Science Web site: </cbpa/acts>.

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# | Drake University

## Economics

### Degree Options

Bachelor of Science in Business and Administration or Bachelor of Arts with a major in economics.

### Description of Program

The economics program offers the opportunity to study how incentives affect human interaction (microeconomics) and how the economy grows and fluctuates (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 B.S.B.A. degree: Candidates must complete the [required business core curriculum](#), including Business 195 as the Capstone.

Additional requirements for the B.A. degree: 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.

## **Requirements for 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.

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# | Drake University

## Entrepreneurial Management

### Degree Options

Bachelor of Science in Business and Administration with a major in entrepreneurial management.

### Description of Program

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 and gain understanding in the leadership and management qualities of entrepreneurs.

### Requirements for Major

Students are required to complete at least 124 credits. At least 42 of these credits must be taken in courses numbered 100 or above.

During their first year, students typically focus on building a liberal arts foundation prior to pursuing the business core and major courses. These first-year courses may include accounting, business law, economics, English, mathematics, rhetoric and communication studies, and electives. The following table provides a list of courses for the major.

Course Code	Course Name	Typical Year	Prerequisites
PSY 001	Introduction to Psychology	Freshman	None
ACCT 090	Profit planning and Control	Sophomore	ACCT 042 and IS 044
ENTR 090	Entrepreneurial Leadership	Sophomore	None
MGMT 160	Planning and Control of Operations	Junior/Senior	IS 044, MGMT 120, and STAT 072
MGMT 175 or MGMT 182	Employee and Industrial Relations Human Resource Management	Junior/Senior Junior/Senior	MGMT 110 MGMT 110

MKTG 106 or MKTG 114	Promotional Management Sales Management	Junior/Senior Junior/Senior	MKTG 101 MKTG 101
MKTG 118	Marketing Management	Junior/Senior	MKTG 101 and STAT 071
BLAW 180 or BLAW 190 or INS 141	Legal Issues of Business Org. Legal Topics of Current Interest Risk Management	Junior/Senior Senior Junior	BLAW 060 BLAW 060 Sophomore standing
ENTR 190	Creating a Company	Senior	ACCT 090, ENTR 090, and MKTG 101

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# | Drake University

## Finance

### Degree Options

Bachelor of Science in Business and Administration with a major in finance.

### Description of Program

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 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 careers of the majority of finance graduates can be broadly classified into one of four groups: 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:

- 15 credits of core courses required of all 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:

- Finance 102 (Advanced Corporate Finance)
- Finance 119 (Financial Institutions, Instruments and Markets)
- Finance 193 (Portfolio Analysis)
- Finance 197 (Seminar in Finance)
- Economics 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 sophomore year; Finance 101, 102 and 119 in the junior year; and Finance 193 and 197 in the senior year. Students should have completed 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 four career specializations or 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.)

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# **| Drake University**

## **General Business**

### **Degree Options**

Bachelor of Science in Business and Administration with a major in general business.

### **Description of Program**

This curriculum is designed for students interested in obtaining a broad background in business administration without obtaining a high degree of specialization in any one area that prepares the graduate for management of a variety of business functions in a variety of business entities.

The general business major offers the student, with the consent of the adviser, a flexible program that can be tailored to the student's needs. However, the major requires exposure to insurance and at least 5 other areas of business in addition to the business core. This exposure ensures that the majority of business disciplines beyond the basic business core are represented in the major.

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 general business major provides some advanced study in at least 5 different disciplines.

### **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 general business major requires Insurance 51 plus six courses numbered 100 or above. These six courses are to be selected from at least five of the following areas:

- Accounting
- Actuarial Science
- Business Law
- Economics
- Entrepreneurial Management
- Finance
- Information Systems
- Insurance
- Management
- Marketing
- Statistics

Courses should be selected to meet the individual student's needs and must be



approved by the student's adviser.

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# | Drake University

## Information Systems

### Degree Options

Bachelor of Science in Business Administration with a major in information systems.

### Description of Program

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 21 credits of core courses and 6 credits of student's chosen business track.

The basic core courses of the information systems major include:

- Information Systems 44 (IT Applications for Business)
- Information Systems 50 (COBOL Programming)
- Computer Science 65 (Introduction to Computer Science I)
- Information Systems 80 (Visual Basic)
- Information Systems 101 (Information Systems and Electronic Commerce)
- Information Systems 145 (Website Programming)
- Information Systems 160 (Database Systems)
- Information Systems 172 (Data Communications)
- Information Systems 180 (Information Systems Analysis and Development)

All candidates must also satisfy the requirements of the [Drake Curriculum](#).

Information systems majors must select a track consisting of six credit hours from a single discipline in business other than information systems. It is suggested the track courses are taken during a student's senior year. The student's adviser must approve the track selections.

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# Insurance

## Description of Concentration

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:

- Insurance 51 (Personal Risk Management)
- Insurance 141 (Business Risk Management)
- Insurance 161 (Insurance Company Operations)

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# **| Drake University**

## **International Business**

### **Degree Options**

Bachelor of Science in Business and Administration degree with a major in international business.

### **Description of Program**

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 encouraged to include a study-abroad semester 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.

The international business major is the only major in the CBPA that requires proficiency in a second language. The program is designed to encourage a semester-abroad experience.

The program has significant overlap with the international relations major in the college of Arts and Sciences, allowing for a convenient double major or, if a student was drawn to the international arena, but didn't know if he/she wanted the business side or the political side, he/she could start in one major and change later without much penalty.

### **Requirements for Major**

Non-business requirements:

- Psychology 1 (Introductory Psychology)
- Geography 3 (World Regional Geography)
- Political Science 65 (Comparative Politics)
- Foreign language
- Three area study courses

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.

The area study consists of three courses drawn from anthropology, geography, history, political science or economics. All three courses cannot be in the same subject area and at most one course can be in economics. The student may choose either a global perspective (world geography, world politics and modern world history) or a particular region of the world to study from among Europe, Asia, Africa or Latin America.

Business requirements:

- Business 170 (International Business)
- Finance 170 (International Finance)
- Marketing 170 (Global Marketing)
- Management 145 (Organizational Theory)
- Management 160 (Planning and Control of Operations)
- Economics 130 (International Economics)
- Economics 175 (Economic Development)

It is recommended students take Business 170 and Finance 170 in the fall of the senior year and Management 160 and Marketing 170 in the spring of the senior year. The timing of the other major courses depends highly on the timing of a study-abroad semester, if taken.

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.

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# | Drake University

## Management

### Degree Options

Bachelor of Science in Business and Administration degree with a major in management.

### Description of Program

Professional managers are a distinct and essential group in modern society who are responsible for maintaining and improving organizational effectiveness. The management degree in the College of Business and Public Administration is carefully designed to make its graduates extremely competitive in today's dynamic market for entry-level managers, as well as to give them the background needed to advance in their chosen careers. Management students are introduced to the habits of professionalism and are given liberal opportunity to interact with private and public organizations and to participate in professional activities beyond the curriculum.

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 when they are part 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. In addition, they are exposed to the issues and challenges of international business activity.

Graduates of the management program 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

Twenty-five credits within the college and 6 credits outside the college.

#### **Non-business requirements:**

- Psychology 1
- SCSS Sociology 1

#### **Business requirements:**

- Management 145 (Organizational Theory)
- Management 160 (Planning and Control of Operations)
- Management 175 (Employee and Industrial Relations)
- Management 182 (Human Resource Management)
- Business 170 (International Business)
- Accounting 125 (Managerial Accounting) (preferred) or Accounting 115 (Cost Accounting)

**Six credits in an area of special interest**

To complete their program of study, management majors must select two courses (6 credits) beyond the management core from other major fields 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 (2 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.

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# | Drake University

## Marketing

### Degree Options

Bachelor of Science in Business and Administration degree with a major in Marketing.

### Description of Program

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 electives, marketing majors receive a broad exposure to the diversity of marketing activities and an opportunity to tailor the program to their own interests. 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

Non-business requirements:

One economics course numbered 100 or above

- SCSS Sociology 1
- Psychology 1 (Introductory Psychology)

Business requirements:

- Marketing 113 (Marketing Research)
- Marketing 118 (Marketing Management)

In addition, the student must select, depending on interest, 4 of the following:

- Marketing 106 (Promotional Management)
- Marketing 108 (Database Marketing)
- Marketing 114 (Sales Management)
- Marketing 115 (Consumer Behavior)
- Marketing 170 (Global Marketing)



- JMC 76 (Advertising Principles)
- Marketing 109 (Internet Marketing)

## **Requirements for Minor**

Accounting 41; Econ 001; Econ 002; Soc 001 OR PSY 001; Stat 71 OR Psy 015; Mkt 101; MKT 113; MKT 118; choose two marketing electives from: MKT 106, 108, 109, 114, 115, or 170.

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.

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# Business Studies

## Description of 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.

## Requirements for Minor

- Accounting 041 (Introduction to Financial Accounting)
- Economics 001 (Principles of Macroeconomics)
- Economics 002 (Principles of Microeconomics)
- Finance 095 (Managing Individual Finances)
- IS 044 (IT Applications for Business)
- Management 110 (Management Process and Behavior)
- Marketing 101 (Marketing Principles)
- 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.

# | Drake University

## Quantitative Economics

### Degree Options

Bachelor of Arts or Bachelor of Science in Business and Administration degrees with a major in Quantitative Economics.

### Description of Program

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.

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.

### 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.

- Mathematics (21 credits)
  - Math 50 (Calculus I)
  - Math 70 (Calculus II)
  - Math 80 (Linear Algebra)
  - Math 100 (Calculus III)
  - Math 110 (Multivariate Calculus)
  - At least one elective course in Mathematics at the 100 level chosen from the following list:
    - Math 120 (Applied Differential Equations I)
    - Math 125 (Mathematical Modeling)
    - Math 176 (Advanced Linear Algebra)

- Math 184 (Introduction to Real Analysis)
- Game Theory (in preparation)

Courses in differential equations are especially recommended for students interested in an advanced degree in mathematical financial economics.

- Statistics (6 credits)
  - Stat 131 (Introduction to Probability I)
  - Stat 72 (Statistics II), OR Stat 141 (Statistical Modeling and Data Analysis I)
- Economics (21 credits)
  - Econ 1 (Principles of Macroeconomics)
  - Econ 2 (Principles of Microeconomics)
  - Econ 173 (Intermediate Microeconomics)
  - Econ 174 (Intermediate Macroeconomics)
  - Econ 107 (Introduction to Econometrics), OR Stat 142 (Statistical Modeling and Data Analysis II)
  - Two elective courses in economics at the 100 level
- Capstone (1 or 3 credits)
  - Students choose one of the following, depending on the college and degree to be earned:
    - Math 195 for A&S Majors (3 credits)
    - Econ 199 for the B.A. degree in CBPA. majors (1 credits)
    - BUS 195 for the .B.S.B.A. in CBPA. (3 credits)

Students earning the BSBA degree must also complete the required business core curriculum.

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## Graduation Requirements

Candidates qualifying for the degree of B.S. in Business Administration 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 Undergraduate Office of Students 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:

	Credits
Accounting 041 and 42 (Introduction to Financial and Managerial Accounting)	6
Business 195 (Business Strategy and Policy)	3
Business Law 60 (Business Law I)	3
Economics 1 and 2 (Principles of Macroeconomics and Microeconomics)	6
IS 44 or CS 65 (IT Applications for Business or Introduction to Computer Science I)	3
Information Systems 101 (Information Systems in Organizations)	3
Finance 101 (Corporate Finance)	3
Management 110 (Management Process and Behavior)	3
Management 120 (Management of Operations)	3
Marketing 101 (Marketing Principles)	3
Statistics 71 and 72* (Statistics I and II)	6

<b>Total</b>	<b>42</b>
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\* Actuarial science majors take Statistics 131 — Introduction to Probability I and Statistics 141 — Statistical Modeling and Data Analysis I.

## Non-Business Requirements

The nonbusiness courses are required for the Bachelor of Science degree in Business Administration.

	<b>Credits</b>
FYS 01-99 (First-Year Seminar or equivalent)	3
Rhetoric 73 (Public Speaking)	3
Math 28 or Math 50 (Business Calculus or Analytic Geometry and Calculus I)	3-4
<b>Total</b>	<b>9-10</b>

The courses listed above as required by the College of Business and Public Administration may be used to fulfill requirements of the Drake Curriculum. Please refer to the Drake Curriculum for additional information.

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## **Academic Regulations**

Specific course requirements are given in the basic programs and in the curricula for the various majors on various pages of this catalog. Modifications of the required program may be made only on the recommendation of the student's adviser and the approval of the associate dean for student 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.

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## Faculty

### Administration

EDWARDS, CHARLES C., JR (2003), Dean.

HEASTON, PATRICK H. (1983), Associate Dean of Academic Affairs.

BLUM, RANDALL J. (2003), Associate Dean, Student Affairs.

KENNE, DANETTE (2002), Director, Graduate and Professional Programs.

GAVIN, SHERI L. (2001), Budget and Office Manager.

WATSON, ANNETTE (2007), Career Services Manager.

PRITCHARD, SARAH (2007), Senior Advancement Officer.

### Professors

CLAPHAM, STEPHEN E. (1990), Professor of Management and International Business. B.S., Ball State University; M.S., M.B.A., Ph.D., Indiana University.

COOPER, ROBERT W. (1988), Employers Mutual Distinguished Professor of Insurance. B.S., University of Connecticut; M.A., Ph.D., University of Pennsylvania.

DODD, JAMES L. (1992), Aliber Professor of Accounting. B.S., California State University-Fresno; M.B.A., University of South Alabama; Ph.D., University of Georgia; C.P.A.

FRANK, GARRY L. (1983), Professor of Public Administration. B.A., St. Mary's College; B.A., University of Minnesota; M.A., University of South Dakota; M.S., University of Western Ontario; Ph.D., University of Nebraska-Lincoln.

HEASTON, PATRICK H. (1983), Aliber Professor of Accounting. B.S.B.A., M.B.A., Creighton University; Ph.D., University of Nebraska-Lincoln; C.P.A.

HILLMAN, A. DOUGLAS (1970), Aliber Professor of Accounting. B.A., Augustana College; M.S.B.A., University of Denver; Ph.D., University of Missouri-Columbia; C.M.A.

HOSSEIN-ZADEH, ISMAEL (1988), Professor of Economics. B.A., University of Tehran; M.A., Queens College, City University of New York; Ph.D., New School for Social Research.

HUBBARD, RAYMOND (1984), Thomas F. Sheehan Professor of Marketing. B.S., University of London; M.S., University of the West Indies; M.A., Ph.D., University



of Nebraska-Lincoln.

KLUGMAN, STUART A. (1988), Principal Financial Group Professor of Actuarial Science. B.S., Drake University; Ph.D., University of Minnesota; F.S.A.

MEYER, C. KENNETH (1990), Thomas F. Sheehan Professor of Public Administration. B.A., St. Thomas University; M.A., M.P.A., Ph.D., University of Oklahoma.

MILLER, CHIP (2001), Professor of Marketing. B.A., M.B.A., M.A., University of Kansas; Ph.D., University of Washington.

PARSA, RAHUL (1990), Professor of Actuarial Science. B.S., M.S., Osmania University; Ph.D., Texas A&M University.

SIMPSON, LOU ANN (1973), Professor of Business Law. B.S., J.D., Drake University.

VAUGHAN, THERESE (1988, 2005), Robb B. Kelley Distinguished Professor of Insurance and Actuarial Science. B.B.A., University of Iowa; Ph.D., The Wharton School, University of Pennsylvania; A.S.A., C.P.C.U., A.C.A.S.

## **Associate Professors**

BOAL, WILLIAM M. (1995), Associate Professor of Economics. B.A., Wesleyan University; Ph.D., Stanford University.

FELLERS, JACK W. (1991), Associate Professor of Information Systems. B.S., B.A., Drake University; M.B.A., Ph.D., Indiana University.

GARA, STEPHEN C. (2005), Associate Professor of Accounting. B.S., Syracuse University; J.D., Southern Methodist University; L.L.M., Georgetown University; Ph.D., The University of Memphis; C.P.A.

GARDNER, LISA (2006), Associate Professor of Statistics. B.S., Economics, University of Wyoming; M.B.A., Drake University; Ph.D., Georgia State University.

HEWETT, ROGER (1981), Associate Professor of Economics. B.A., Tufts University; M.A., Ph.D., University of Illinois.

HOULE, PHILIP A. (1974), Associate Professor of Information Systems. B.S., M.S., Ph.D., University of Minnesota.

LUETHGE, DENISE (2007), Associate Professor of Management and International Business. B.S., M.B.A., Michigan State University; Ph.D., Indiana University.

MEYER, BRADLEY C. (1989), Associate Professor of Management and International Business. B.S., M.S., Ph.D., Iowa State University.

NJOROGE, JOYCE (2000), Associate Professor of Accounting. B.C., University of Nairobi; MAcc, Ph.D., Washington State University.

NORMAN, ANDREW (2003), Associate Professor of Marketing. B.A., Arizona State University; M.B.A., Brigham Young University; Ph.D., The University of Arizona.

REED, DIANA (1984), Associate Professor of Management and International Business. B.S., Southwestern University; M.S., University of Wisconsin-Platteville; Ph.D., University of Wisconsin-Madison.

ROOT, THOMAS H. (1999), Associate Professor of Finance. B.S., M.A., Ph.D., University of Kansas.

ROZYCKI, JOHN J. (1990), Associate Professor of Finance. B.S., King's College; M.B.A., University of Scranton; Ph.D., Penn State University; CFA.

SCULLEN, STEVEN E. (2004), Associate Professor of Management and International Business. B.S.E., Drake University; M.S., Iowa State University; Ph.D., University of Iowa.

SENTEZA, JIMMY D. (2000), Associate Professor of Finance. B.A., Makerere University, Kampala; B.A., M.B.A., Ph.D., Washington State University.

STRADER, TROY J. (2003), Associate Professor of Information Systems. B.B.A., M.S., Iowa State University; Ph.D., University of Illinois at Urbana-Champaign.

TERLOUW, CHARLES D. (2004), Associate Professor of Accounting. B.S. B.A., Drake University; C.P.A.

WEAVER, JANICE (1983), Associate Professor of Economics. B.A., Knox College; M.A., Ph.D., University of Illinois.

ZAGOREN, ALLEN (2005), Associate Professor of Public Administration. B.A., Hofstra University; M.P.A., Drake University; D.O., Philadelphia College of Osteopathic Medicine.

## **Assistant Professors**

BISHOP, DEBRA S. (1996), Assistant Professor of Management and International Business. B.S., M.S., Ph.D., Iowa State University.

CLAYTON, SUZANNE (2005), Assistant Professor of Information Systems. B.S., Iowa State University; M.B.A., Drake University.

EDRINGTON, MARY S. (1986), Assistant Professor of Marketing and Internship Coordinator. B.S., Iowa State University; M.B.A., The University of Iowa.

JUDD, PAUL S. (2003) Assistant Professor of Statistics. B.A., University of Dayton; M.S., University of Iowa; A.S.A.

ROY, SUNANDA (2002), Assistant Professor of Economics. B.A., M.A., University of Calcutta; Ph.D., University of Southern California.

SUH, INCHUL (2002), Assistant Professor of Finance. B.A., Korea University; M.B.A., Indiana University; Ph.D., University of Colorado.

WALKER, SARA K. (1992), Assistant Professor of Accounting Practice. B.S., Indiana University; J.D., Drake University; C.P.A.

# **Emeriti Professors**

ARSLANER, MEL E., Associate Professor Emeritus of Public Administration.

BERRY, DALE, Professor Emeritus of Economics.

BOWERS, NEWTON L., JR., Professor Emeritus of Actuarial Science.

CRANE, FREDERICK G., Professor Emeritus of Insurance.

DOLICH, IRA J., Professor Emeritus of Marketing.

KEMP, ROBERT, Professor Emeritus of Management.

MILLER, MABRY, Associate Professor Emerita of Management.

MURRAY, MICHAEL, Professor Emeritus of Insurance.

NEWKIRK, WAYNE, Professor Emeritus of Economics.

PEARCE, W. LEON, Professor Emeritus of Information Systems.

WARRICK, WALTER H., Professor Emeritus of Management.

WELCH, GEORGE D., Professor Emeritus of Accounting.

WINEBRENNER, HUBERT W., JR., Professor Emeritus of Public Administration.

WOLK, HARRY I., Professor Emeritus of Accounting.

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# | Drake University

## 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

To create a learning environment that encourages intellectual inquiry and critical analysis and to educate ethical communications professionals who understand the essential role of the First Amendment to robust communication in a global society.

- [Areas of Study](#)
- [Graduation Requirements](#)
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# School of Journalism and Mass Communication

## Areas of Study

Majors in SJMC:

- [Advertising-Creative](#)
- [Advertising-Account Management](#)
- [Broadcast News](#)
- [Magazines](#)
- [News/Internet](#)
- [Public Relations](#)
- [Radio Television Producing](#)
- [Undeclared Major in Journalism](#)
- Special Areas
  - [SJMC/Law School Program](#)
  - [Advertising Minor](#)

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# | Drake University

## Advertising Creative

### Degree Options

Bachelor of Arts in Journalism and Mass Communication with a major in advertising creative.

### Description of Program

Advertising majors choose between two areas of emphasis: the advertising account management track to develop expertise in planning, budgeting, administering and coordinating services; and the advertising creative track to master the creative components of the advertising industry, including writing, design, print and broadcast production, traffic and creative services. Nonmajors may choose advertising as a minor, which requires the completion of 21 credit hours that may include both management and creative advertising courses. The average number of students in the advertising creative major is 60 with the average number of students in upper-level classes at 18. The capstone experience merges the advertising creative, advertising management and minor students to collaborate their expertise. This experience gives students the opportunity to participate in a national student advertising campaign each spring. In 2008, Drake students placed second, within one point of the first-place winners.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 113 accredited programs nationwide. To win accreditation, schools meet 9 standards, which address such issues as class size, diversity within the faculty and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2004.

### Requirements for Major

Thirty-two journalism credits with 6 journalism elective hours (optional) and 7 non-journalism courses are required to complete the advertising creative major.

Suggested progression of classes:

All classes are 3 credit hours except when indicated ( )

Advertising Creative			
First-Sophomore Years		Junior-Senior Years	
JMC 30	Communications in Society	JMC 104	Communication Law and Ethics
JMC 31(1)	Multimedia Lab	JMC 124	Advertising Copywriting

JMC 40(1)	Pre-professional Workshop	JMC 141	Creative Strategy in Advertising
JMC 54	News and Reporting Principles	JMC 145	Advertising Campaign Strategy (1) Fall (2) Spring
JMC 57	Video Production	JMC	JMC electives up to 6 credits
JMC 59	Intro to Visual Communication	ECON 2	Microeconomics
JMC 76	Advertising Principles	PSY001(4)	Introduction to Psychology
JMC 66	Media Responsibility Over Time	MKTG 101	Marketing Principles
ECON 1	Macroeconomics	MKTG 115	Consumer Behavior
POLS 1	American Political Systems		
SCSS 1	Survey of Sociology		

Students must also:

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 86 credit hours outside of the SJMC course list; 65 of those hours must be in Arts and Sciences.
- Declare an Area of Concentration with their Journalism adviser.
- Maintain a 2.0 grade point average the first 60 hours at Drake and a 2.25 after the 60<sup>th</sup> hour.

Students should see Graduation Requirements and Regulations sections of the catalog for additional information.

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# | Drake University

## Advertising-Account Management

### Degree Options

Bachelor of Arts in Journalism and Mass Communication with a major in advertising account management.

### Description of Program

Advertising majors choose between two areas of emphasis: the advertising account management track to develop expertise in planning, budgeting, administering and coordinating services; and the advertising creative track to master the creative components of the advertising industry, including writing, design, print and broadcast production, traffic and creative services. Nonmajors may choose advertising as a minor, which requires the completion of 21 credits that may include both management and creative advertising courses. The average number of students in the advertising account management major is 36 with the average number of students in upper-level classes at 18. The capstone experience merges the advertising creative, advertising management and minor students to collaborate their expertise. This experience gives students the opportunity to participate in a national student advertising campaign each spring. In 2008, Drake students placed second, within one point of the first-place winner. Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 113 accredited programs nationwide. To win accreditation, schools meet 9 standards which address such issues as class size, diversity within the faculty and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2004.

### Requirements for Major

Thirty-two journalism credits with 6 journalism elective hours (optional) and 8 non-journalism courses are required to complete the advertising account management major.

Suggested progression of classes:

All classes are 3 credit hours except when indicated ( )

Account Management Major			
First-Sophomore Years		Junior-Senior Years	
JMC 30	Communications in Society	JMC 104	Communication Law and Ethics

JMC 31	Multimedia Lab	JMC 129	Account Management
JMC 40(1)	Pre-professional Workshop	JMC 130	Advertising Research
JMC 54	News and Reporting Principles	JMC 132	Advertising Media Planning
JMC 59	Intro to Visual Communication	JMC 145	Advertising Campaign Strategy (1)Fall (2)Spring
JMC 76	Advertising Principles	IS 44	IT Applications/Business
JMC 66	Media Responsibility Over Time	ECON 2	Microeconomics
ECON 1	Macroeconomics	PSY001(4)	Introduction to Psychology
POLS 1	American Political Systems	MKTG 101	Marketing Principles
SCSS 1	Survey of Sociology	MKTG 115	Consumer Behavior
JMC	Electives up to 6 credits		

Students must also:

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 86 credit hours outside of the SJMC course list; 65 of those hours must be Arts and Sciences.
- Declare an Area of Concentration with their Journalism adviser.
- Maintain a 2.0 grade point average the first 60 hours at Drake and a 2.25 after the 60<sup>th</sup> hour.

Students should see Graduation Requirements and Regulations sections of the catalog for additional information.

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# | Drake University

## Broadcast News

### Degree Options

Bachelor of Arts in Journalism and Mass Communication with a major in broadcast news.

### Description of Program

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 preproduction, studio and field production, and postproduction, especially digital audio and video editing.

Broadcast news enrolls about 50 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 113 accredited programs nationwide. To win accreditation, schools meet 9 standards, which address such issues as class size, diversity within the faculty and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2004.

### Requirements for Major

Thirty-five journalism credits with 3 journalism elective hours (optional) and 4 nonjournalism courses are required to complete the broadcast news major.

Suggested progression of classes:

All classes are 3 credit hours except when indicated ( )

Broadcast News			
First-Sophomore Years		Junior-Senior Years	
JMC 30	Communications in Society	JMC 67	Digital Audio Writing & Production
JMC 31(1)	Multimedia Lab	JMC 73	Radio News Reporting and Editing

JMC 40(1)	Pre-professional Workshop	JMC 100	Television Field Photography
JMC 54	Reporting and Writing Principles	JMC 104	Communication Law and Ethics
JMC 57	Video Production	JMC 173	Broadcasting Public Affairs
JMC 59	Intro to Visual Communication	JMC 193	Broadcast News Practicum
JMC 66	Media Responsibility Over Time	JMC	JMC electives (0-3)
ECON 1	Macroeconomics	HIST 76	American History 1877 to Present
POLS 1	American Political Systems		
SCSS 1	Survey of Sociology		

Students must also:

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 86 credit hours outside of the SJMC course list; 65 of those hours must be in Arts and Sciences.
- Declare an Area of Concentration with their Journalism adviser.
- Maintain a 2.0 grade point average the first 60 hours at Drake and a 2.25 after the 60<sup>th</sup> hour.

Students should see Graduation Requirements and Regulations sections of the catalog for additional information.

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# | Drake University

## Magazines

### Degree Options

Bachelor of Arts in Journalism and Mass Communication degree with a major in magazines.

### Description of Program

The magazine major prepares students to be magazine writers, editors, designers and creative directors. As part of their coursework, students:

- Write magazine articles for consumer, trade and organization magazines;
- Work as staff members for the nationally award-winning *515 Magazine*, *Think* magazine and other titles and Web sites published through the E.T. Meredith Center for Magazine Studies;
- Produce a business plan and design for a magazine of their own.

In past years, students have also produced magazines for the Annie E. Casey Foundation on the Making Connections initiative in Des Moines and on the issue of Prisoner Re-Entry in Iowa.

**Unique to Drake:** Drake is one of the few private, liberal arts colleges to provide a full four- year sequence for magazines. Competition comes from larger schools such as Northwestern, the University of Missouri at Columbia and the University of Kansas. Many magazine majors also work outside of classes on the nationally award-winning *Drake Magazine*.

The magazine major is one of the most popular with an average of 130 students in the major. Class sizes are usually around 18 students after the core classes are complete.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 113 accredited programs nationwide. To win accreditation, schools meet 9 standards, which address such issues as class size, diversity within the faculty and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2004.

### Requirements for Major

Thirty-two journalism credits with 6 journalism elective hours (optional) and 3 nonjournalism courses are required to complete the Magazine major.

Suggested progression of classes:

All classes are 3 credit hours except when indicated ( )

<b>Magazines</b>			
<b>First-Sophomore Years</b>		<b>Junior-Senior Years</b>	
JMC 30	Communications in Society	JMC 91	Magazine Staff Writing
JMC 31(1)	Multimedia Lab	JMC 70	Print Media Editing
JMC 40(1)	Pre-professional Workshop	JMC 119	Magazine Publishing
JMC 54	News and Reporting Principles	JMC 120	Freelance Writing
JMC 59	Intro to Visual Communication	JMC 122	Magazine Practicum
JMC 66	Media Responsibility Over Time	JMC	Elective (0-6)
JMC 104	Communication Law and Ethics		
ECON 1	Macroeconomics		
POLS 1	American Political Systems		
SCSS 1	Survey of Sociology		

Students must also:

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 86 credit hours outside of the SJMC course list; 65 of those hours must be in Arts and Sciences.
- Declare an Area of Concentration with their Journalism adviser.
- Maintain a 2.0 GPA the first 60 hours at Drake and a 2.25 after the 60<sup>th</sup> hour.

Students should see Graduation Requirements and Regulations sections of the catalog for additional information.

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# | Drake University

## News-Internet

### Degree Options

Bachelor of Arts in Journalism and Mass Communication with a major in news-internet.

### Description of Program

As news-internet majors, students gain knowledge and skills needed for careers in reporting, editing, management or publishing, online and on paper.

Graduates work on newspaper staffs, in the news departments of other news media and agencies, in public information positions and in Web site editing positions.

Approximately 30 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 113 accredited programs nationwide. To win accreditation, schools meet 9 standards, which address such issues as class size, diversity within the faculty and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2004.

### Requirements for Major

Thirty-five journalism credits with 3 journalism elective hours (optional) and 3 nonjournalism courses are required to complete the news-internet major.

Suggested progression of classes:

All classes are 3 credit hours except when indicated ( )

News Internet			
First-Sophomore Years		Junior-Senior Years	
JMC 30	Communications in Society	JMC 70	Print Media Editing
JMC 31(1)	Multimedia Lab	JMC 98	Reporting, Writing for WWW
JMC 40(1)	Pre-professional Workshop	JMC 102	Editing Practicum

JMC 54	News and Reporting Principles	JMC 103	Public Affairs Journalism Online
JMC 59	Intro to Visual Communication	JMC 105	Web Page Design
JMC 66	Media Responsibility Over Time	JMC 171	The Digital Newsroom
JMC 104	Communication Law and Ethics	JMC	Elective (0–3)
ECON 1	Macroeconomics		
POLS 1	American Political Systems		
SCSS 1	Survey of Sociology		

Students must also:

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 86 credit hours outside of the SJMC course list; 65 of those hours must be in Arts and Sciences.
- Declare an Area of Concentration with their Journalism adviser.
- Maintain a 2.0 grade point average the first 60 hours at Drake and a 2.25 after the 60<sup>th</sup> hour.

Students should see Graduation Requirements and Regulations sections of the catalog for additional information.

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# | Drake University

## Public Relations

### Degree Options

Bachelor of Arts in Journalism and Mass Communication with a major in public relations.

### Description of Program

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.

Approximately 120 students are enrolled in the Public Relations major. Average class size is 20 students.

Accredited by the Accrediting Council on Education in Journalism and Mass Communication, Drake is among 113 accredited programs nationwide. To win accreditation, schools meet 9 standards, which address such issues as class size, diversity within the faculty and curriculum. Accreditation reviews occur every six years. Drake's program has been continuously accredited, most recently in 2004.

### Requirements for Major

Thirty-five journalism credits with 3 journalism elective hours (optional) and 7 nonjournalism courses are required to complete the Public Relations major.

Suggested progression of classes:

All classes are 3 credit hours except when indicated ( )

Public Relations			
First-Sophomore Years		Junior-Senior Years	
JMC 30	Communications in Society	JMC 123	PR Writing
JMC 31(1)	Multimedia Lab	JMC 131	PR Collateral Materials
JMC 40(1)	Pre-professional Workshop	JMC 136	PR Research
JMC 54	News and Reporting Principles	JMC 143	Publicity

JMC 59	Intro to Visual Communication	JMC 146	PR Campaign Strategies
JMC 66	Media Responsibility Over Time	JMC	Elective (0-3)
JMC 104	Communication Law and Ethics	ECON 2	Microeconomics
JMC135	PR Principles	PSY001(4)	Introduction to Psychology
ECON 1	Macroeconomics	MKTG 101	Marketing Principles
POLS 1	American Political Systems	MGMT 110	Mgmt Process and Behavior
SCSS 1	Survey of Sociology		

Students must also:

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 86 credit hours outside of the SJMC course list; 65 of those hours must be in Arts and Sciences.
- Declare an Area of Concentration with their journalism adviser.
- Maintain a 2.0 GPA the first 60 hours at Drake and a 2.25 after the 60<sup>th</sup> hour.

Students should see Graduation Requirements and Regulations sections of the catalog for additional information.

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# | Drake University

## Radio Television Producing

### Degree Options

Bachelor of Arts in Journalism and Mass Communication with a major in radio-television.

### Description of Program

Electronic media students select one of two tracks: broadcast news or radio-television. Coursework during the first two years is similar. Specialization occurs during the last two years. All electronic media students learn techniques and disciplines of preproduction, studio and field production, and post-production, especially digital audio and video editing.

Students who study radio-television 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 42 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 113 accredited programs nationwide. To win accreditation, schools meet 9 standards, which address such issues as class size, diversity within the faculty and curriculum. Accreditation reviews occur every 6 years. Drake's program has been continuously accredited, most recently in 2004.

### Requirements for Major

Thirty-five journalism credits with 3 journalism elective hours (optional) and 3 nonjournalism courses are required to complete the radio-television major.

Suggested progression of classes:

All classes are 3 credit hours except when indicated ( )

Radio Television			
First-Sophomore Years		Junior-Senior Years	
JMC 30	Communications in Society	JMC 67	Digital Audio Writing and Production
JMC 31(1)	Multimedia Lab	JMC 100	Television Field Photography

JMC 40(1)	Pre-professional Workshop	JMC 104	Communication Law and Ethics
JMC 54	Reporting and Writing Principles	JMC 114	Producing Sports TV
JMC 57	Video Production	JMC 163	Broadcast Management
JMC 59	Intro to Visual Communication	JMC 194	Radio/TV Practicum
JMC 66	Media Responsibility Over Time	JMC	JMC electives (0-3)
ECON 1	Macroeconomics		
POLS 1	American Political Systems		
SCSS 1	Survey of Sociology		

Students must also:

- Meet all requirements of the Drake Curriculum.
- Complete a minimum of 124 total credit hours.
- Complete 86 credit hours outside of the SJMC course list; 65 of those hours must be in Arts and Sciences.
- Declare an Area of Concentration with their Journalism adviser.
- Maintain a 2.0 GPA the first 60 hours at Drake and a 2.25 after the 60<sup>th</sup> hour.

Students should see Graduation Requirements and Regulations sections of the catalog for additional information.

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# | Drake University

## 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:

- 32 to 38 credit hours must be in the SJMC.
- A minimum of 65 credits are required in courses offered by programs in the College of Arts and Sciences or in other courses that are liberal arts in nature.
- 22 to 28 credits that remain may be in Arts and Sciences, Business, Education, Fine Arts or Pharmacy.
- 40 credits of upper-level coursework (classes numbered 100 or above) is required. SJMC coursework counts toward this requirement.

All SJMC majors must successfully complete:

Number and Title	Credits
JMC 30 (Communications in Society)	3
JMC 31 (Multimedia Lab)	1
JMC 40 (Pre-Professional Workshop)	1
JMC 54 (Reporting and Writing Principles)	3
JMC 59 (Introduction to Visual Communication)	3
JMC 66 (Media Responsibility Over Time)	3
JMC 104 (Communications Law and Ethics)	3
Core SJMC coursework	17

Arts and Sciences coursework must include:

- ECON 001 (Principles of Macroeconomics)
- POLS 001 (American Political System)
- SCSS 001 (Survey of Sociology) - With approval of the adviser, an introductory sociology course other than Sociology 1 may be used to fulfill this requirement.

Individual majors in the School of Journalism and Mass Communication also may 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 in 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 54 (Reporting and Writing Principles) - an introductory media-writing course required for all SJMC majors.
- JMC 59 (Introduction to Visual Communication) - a survey of visual communication design and technology, including introduction to digital photography, page design and Web design.

The remainder of the second-semester schedule is chosen, in consultation with the student's academic adviser, to satisfy general education requirements.

## **Students with Sophomore Status and above**

Students should work toward completing all Drake Curriculum requirements by the end of their junior year. All SJMC majors build to a senior capstone, and prerequisites are required for most upper-level coursework. Students are advised to complete coursework from lower level (numbered courses below 100) to upper level (above 100). Students must also take into consideration that some required classes are offered only once a year.

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# | Drake University

## Journalism Major/Law Degree 3+3

The School of Journalism and Mass Communication, in cooperation with the Drake Law School, offers exceptional students the opportunity to accelerate completion of their undergraduate major and begin study in Drake Law School, completing both degrees in a 3+3 or 6-year program.

Because the program requires careful scheduling, admission is limited to first-year students whose academic potential suggests they can successfully complete both B.A. and J.D. requirements in six years.

Interested students should apply to the SJMC director for admission to the program no later than their first semester at Drake. Admission also is considered for high school seniors who already have been admitted to the University.

## Requirements

Thirty-one to 35 credits must be completed in a SJMC sequence. All SJMC students complete 5 required classes:

- JMC 30 Communications in Society with JMC 31 (Multimedia Lab)
- JMC 40 Pre-professional Workshop
- JMC 54 News and Reporting Principles
- JMC 66 Media Responsibility Over Time
- JMC 104 Communications Law and Ethics

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# Advertising Minor

## Description 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 21 hours of journalism coursework.

## Requirements for Minor

### Required courses:

	Credits	
JMC 30 (Communications in Society) - Spring Only	3	
JMC 59 (Visual Communication)	3	
JMC 76 (Advertising Principles)	3	
JMC 145 (Advertising Campaigns) (1) Fall (2) Spring	3	

### Choose three of the following:

	Credits	
JMC 56 (Broadcast Advertising)	3	
JMC 124 (Advertising Copywriting)	3	
JMC 129 (Account Management)	3	
JMC 132 (Advertising Media Planning)	3	
JMC Elective (To be approved by Adviser)	3	

Advertising minors must also include ECON 1, PSYCH 1, and SCSS 1 in their program.



# | Drake University

## 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:

- 32 to 38 credit hours must be in the SJMC.
- A minimum of 65 credits are required in courses offered by programs in the College of Arts and Sciences or in other courses that are liberal arts in nature.
- 22 to 28 credits that remain may be in Arts and Sciences, Business, Education, Fine Arts or Pharmacy.
- 40 credits of upper-level coursework (classes numbered 100 or above) is required. SJMC coursework counts toward this requirement.

All SJMC majors must successfully complete:

Number and Title	Credits
JMC 30 (Communications in Society)	3
JMC 31 (Multimedia Lab)	1
JMC 40 (Pre-Professional Workshop)	1
JMC 54 (Reporting and Writing Principles)	3
JMC 59 (Introduction to Visual Communication)	3
JMC 66 (Media Responsibility Over Time)	3
JMC 104 (Communications Law and Ethics)	3
Core SJMC coursework	17

Arts and Sciences coursework must include:

- ECON 001 (Principles of Macroeconomics)
- POLS 001 (American Political System)
- SCSS 001 (Survey of Sociology) - With approval of the adviser, an introductory sociology course other than Sociology 1 may be used to fulfill this requirement.

Individual majors in the School of Journalism and Mass Communication also may 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 in 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 54 (Reporting and Writing Principles) - an introductory media-writing course required for all SJMC majors.
- JMC 59 (Introduction to Visual Communication) - a survey of visual communication design and technology, including introduction to digital photography, page design and Web design.

The remainder of the second-semester schedule is chosen, in consultation with the student's academic adviser, to satisfy general education requirements.

## **Students with Sophomore Status and above**

Students should work toward completing all Drake Curriculum requirements by the end of their junior year. All SJMC majors build to a senior capstone, and prerequisites are required for most upper-level coursework. Students are advised to complete coursework from lower level (numbered courses below 100) to upper level (above 100). Students must also take into consideration that some required classes are offered only once a year.

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# | Drake University

## 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. Cheating, plagiarism or dishonesty in academic work is considered cause for expulsion.

### SJMC Academic Regulations

A student is placed on probation if either the cumulative GPA or the average in journalism-mass communication 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. ([See Probation, Suspension and Satisfactory Progress in the General Information section of the Drake University catalog.](#))

To remain in the school and to continue progress toward a .B.A in Journalism and Mass Communication degree, a student must have at least a 2.25 cumulative grade-point average and a 2.25 GPA in SJMC courses at the end of the academic term in which the student completes the 60th credit hour. Transfer students completing less than 15 credits at Drake will be warned of a low GPA but not be placed on probation. Students who do not achieve the 2.25 GPA at the 60th-hour level are placed on probation if their GPA falls below 2.25 in a subsequent semester. If the GPA is not raised to 2.25 or better after the probationary semester, the student may not continue in SJMC or re-enroll later.

Students need to 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 General Information section of the Drake University 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 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.

Proficiency in computer word processing is expected of all majors and is a prerequisite for success in many SJMC courses. For further information about the academic requirements of the school, students may contact the dean or associate dean of the School of Journalism and Mass Communication.

### **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."

In the School of Journalism and Mass Communication, by faculty action, "It is recommended that journalism faculty include in course syllabi and in comments on the opening days of classes clear statements of attendance policies.

***"In such statements, it should be noted that excessive absences, as determined by the instructor, are sufficient cause for reduction of a grade in a class.***

***"As a guideline for students and faculty, excessive absences will be defined as more than three unexcused absences in a class which meets three times a week, more than two for a class which meets twice a week, and more than one for a class which meets on a weekly basis."***

### **Honor Code**

The Drake School of Journalism and Mass Communication is a community of scholars committed to the highest professional and personal standards. Members of this community accept responsibility for honesty and excellence in all of their interactions. Such integrity is the foundation of our academic and professional careers, and of our lives as ethical people.

Cheating, plagiarism and other forms of academic dishonesty by SJMC students, whether it occurs in class or in extra-curricular activities related to the journalism profession, will not be tolerated. Academic dishonesty on the part of any student of another college or school enrolled in an SJMC class will also not be tolerated. Academic dishonesty constitutes grounds for penalties, ranging from failure in an academic exercise to suspension or dismissal from an SJMC class, the School

and/or the University.

— **Honor Code, Drake School of Journalism and Mass Communication, adopted by SJMC faculty in March 2007.**

***See full Code for definitions and examples of academic dishonesty, and procedures for dealing with instances of dishonesty.***

### **SJMC Policy for Resolving Conflict**

Part of your education is learning how to deal appropriately with conflict in the workplace.

The student should begin by discussing the matter with the staff or faculty member with whom the conflict originated. If the issue is not resolved the next contact would be the Associate Dean of Journalism to investigate the allegations and give an outcome. If the matter is still unresolved or the student chooses to take the matter forward for a final decision, the student should contact the Director of the School of Journalism and Mass Communication. Students choosing to take their concern to the director need to submit in writing their name, college, contact information and a brief description of the circumstances including who has been involved and the current outcome. This request will be considered an “official documentation” and must be submitted within 30 days of the issue in question. E-mail or hard copy will be accepted.

The student should expect communication or a meeting regarding the concern within 7 working days of the document being submitted.

All officially documented issues will be forwarded to the provost’s office for data collection as reporting general trends, not as an avenue to change the outcome. If the conflict is with one of the final decision makers the student should refer to the University Policy and Procedure website at [/complaint/](#)

## **Student Internship Credit Regulations**

All internships for credit should be added before the semester's add period, when possible.

Students registered for fewer than 12 credits at the end of the add period cannot add an internship after the add period has expired. In other words, if adding internship credit changes a student's status from part-time to full-time, the internship cannot be added. These students may add their internship credits to the next semester. If the next semester is summer, students are required to pay the summer rate for each credit hour. If, in any semester, the internship hours, along with the student's other coursework exceeds 18 credit hours, the over-hours fee will apply. Students may not hold internship credit past the next semester.

Students registered for 12 credits or more at the end of the add period, may add the internship credits at the time the internship becomes available. The deadline will be the Friday before finals of each semester. Students who exceed 18 credit hours allowed in a semester, due to the internship credits, will be charged the over-hours fee.

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# **| Drake University**

## **Faculty**

### **Administration**

EDWARDS, CHARLES C., JR. (2002), Dean. B.A., University of Colorado.

RICHARDSON, KATHLEEN (2001), Director and Associate Professor of Journalism and Mass Communication (News/Internet). 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.

LYTLE, JOHN W. (1977), Ellis and Nelle Levitt Professor of Journalism and Mass Communication (Broadcast News). B.S., M.S., Iowa State University.

### **Associate Professors**

BLACHFORD, LORI, (2009), Peggy Fisher and Larry Stelter Chair of Magazine Journalism. B.A., University of North Dakota–Grand Fork; MCL, Drake University

JOLLIFFE, LEE, (1995), Associate Professor of Journalism and Mass Communication. B.A., Lindenwood College; M.A., Ohio State University; Ph.D., Ohio University.

KEEFER, JANET HILL (1994), Associate Professor of Journalism and Mass Communication. B.S., University of Tennessee; M.A., Ohio State University; Ph.D., University of North Carolina.

MENKE, RONDA (1991), Associate Professor of Journalism and Mass Communication (Public Relations). B.A., M.A., Drake University. A.P.R

WADE, GARY (1988), Associate Professor of Journalism and Mass Communication (Radio-Television Producing). B.A., M.A., University of Iowa; Ph.D., Iowa State University.

### **Assistant Professors**

EVERLING, KELLY, (2009), Assistant Professor of Journalism and Mass Communication (Public Relations). B.A., Valparaiso, M.A., Ball State, Ph.D., Michigan State University

HENRY, SANDRA (2007), Assistant Professor of Journalism and Mass Communication (Advertising). B.A., Drake University, M.S., Miami of Ohio.

INMAN, JEFF, (2009), Assistant Professor of Journalism and Mass Communication (Advertising). B.S., Iowa State University, M.A.T., Drake University.

PISARSKI, DOROTHY (2004), Assistant Professor of Advertising. B.S., Siena College M.B.A., New York University.

VAN WYKE, JILL (1997), Assistant Professor of Journalism and Mass Communication. (News-Internet) B.A., M.S., Drake University.

## **Emeriti Faculty**

FOSKIT, BARRY, Professor Emeritus of Advertising.

FRANCOIS, WILLIAM E., Professor Emeritus of News-Editorial.

MILAM, HENRY, Professor Emeritus of Public Relations.

PATRICK, JOE R., Associate Professor Emeritus of News-Editorial.

PRIJATEL, PATRICIA, Professor Emerita of Magazines.

STRENTZ, HERBERT, Professor Emeritus of Journalism and Media Law.

WOLTER, LOUIS J., Professor Emeritus of Advertising and Public Relations.

WOODWARD, ROBERT D. Professor Emeritus of News-Internet.

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# | Drake University

## School of Education

### College 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.

### College 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 [/soe/](#)

- [Areas of Study](#)
- [Requirements](#)
- [Graduation and Licensure](#)
- [Faculty](#)

# School of Education

## Areas of Study

Major Programs:

- [Elementary Education](#)
- [Secondary Education](#)

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# | Drake University

## Elementary Education

### Degree Options

Bachelor of Science in Education with a major in elementary education.

### Description of Program

This program develops highly qualified teachers at the elementary level. The School of Education supports subject endorsements at the elementary level (K-8) in art, early childhood, English/language arts, health, mathematics, reading, history, science, special education (second endorsement only), social studies, theater and communications studies, unified (early childhood with emphasis on special education) and English as a second language (K-12 endorsement). Endorsement course requirements vary according to discipline and state requirements. Add-on endorsements are also available for middle school (6-8) and coaching (K-12).

### Requirements for Major

- 124 credit hours
- Drake Curriculum (AOI) requirements
- Professional education requirements
- Teaching endorsement(s) requirements (at least one endorsement)
- Subject area minimum requirements for elementary endorsements (24 credits)

Approved endorsement programs are currently available in art, early childhood education, unified early childhood education (early childhood education with an emphasis in special education), English/language arts, English as a Second Language (ESL: K-12), history, mathematics, reading, rhetoric and communication studies/theatre, science, special education (second endorsement only) and social studies. Add-on endorsements are also available for middle school (6-8) and coaching (K-12). Other endorsement programs may become available. Specific requirements and program descriptions are available from the Teaching and Learning Department in the School of Education. Elementary majors also must have at least 53 to 54 credit hours in the School of Education, including the following Professional Education courses.

Pre-professional Coursework	Credit Hours
EDUC 1 (Introduction to Education) (optional) <i>15 credit hours must be completed before registration for</i>	1

EDUC 103 (Foundations of Education) <i>(40-hour practicum required)</i>	3
SPED 120 (Introduction to Special Education)	3
EDUC 105 (Human Development Elementary/Early Childhood)	3
EDUC 107 (Learning and Assessment)	3
EDUC 109 (Educational Technology)	2
EDUC 164 (Perspectives on Race, Gender and Ethnicity)	3
Total	17-18
<b>Professional Coursework</b> <i>(Requires admission to Teacher Education Program)</i>	<b>Credit Hours</b>
EDUC 122 (Curriculum and Pedagogy)	3
EDUC 123 (Physical Education and Health in the Elementary School)	2
EDUC 124 (Literature of Childhood and Youth)	3
EDUC 125 (Teaching of Science)	3
EDUC 126 (Teaching of Mathematics)	3
EDUC 128 (Teaching of Social Studies)	3
EDUC 137 (Literacy Methods for Primary Grades (K-3))	3
EDUC 139 (Literacy Methods for the Intermediate Grades)	3
Total	23
<b>Professional Semester</b> <i>(Requires admission to Student Teaching and senior standing)</i>	<b>Credit Hours</b>
EDUC 165 (Instruction and Management in the Elementary Grades)	1
EDUC 166 (Elementary Student Teaching Practicum)	11
EDUC 169 (Electronic Portfolio Seminar)	1
Total	13
<i>Note that the professional semester is a full-time, intensive experience; students should not register for other courses or have other extracurricular activities that would conflict with full-time study without written permission of the Student Teaching Committee.</i>	
<b>Additional Requirements</b>	<b>Credit Hours</b>

EDUC 83 (Introduction to Art Education) OR Music 15 (General Music in Elementary Schools) OR EDUC 112 (Models of Art Integration)	3
One mathematics or statistics course	3
Total	6

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# **| Drake University**

## **Secondary Education**

### **Degree Options**

Bachelor of Science in Education with a major in secondary education.

### **Description of Program**

This program develops highly qualified teachers at the secondary level. The School of Education supports endorsements at the secondary level (5-12) in art, all business, English/language arts, English/rhetoric/theatre (English emphasis), theatre/rhetoric/English (theatre emphasis), journalism, English/speech-theater/journalism, speech/theater, reading (second endorsement only), economics (second field only), secondary mathematics, biology, physics, chemistry, earth science, general science, physical science, all science (5-8, 7-12), world history, American history, American history/American government, all social studies, world languages: Spanish, French, German, special education (Instructional Specialist I), English as a second language (K-12). Endorsement course requirements vary according to discipline. Add-on endorsements are also available for middle school (6-8) and coaching (K-12).

### **Requirements for Major**

- 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 endorsement majors are available in all science (5-8), all science (7-12), all social studies, American history, American history/American government, art, biology, chemistry, economics (second endorsement only), earth science, general business, general science, English/ language arts, English/rhetoric/theater (English emphasis), English/speech-theater, journalism, English as a second language (K-12), journalism, mathematics, physics, physical science, reading (second endorsement only), sociology, theater, rhetoric/English (theater emphasis), world history and world languages—French, German, Spanish. Other endorsement programs may become available. Add-on endorsements are also available for middle school (6-8) and coaching (K-12). Specific requirements and program descriptions are available in the Teaching and Learning Department.

Secondary education students must complete at least 37 to 38 credit hours in the School of Education, including the following Professional Education courses:

<b>Pre-professional Coursework</b>	<b>Credits Hours</b>
EDUC 1 (Introduction to Education) (optional) <i>15 credit hours must be completed before registration for</i>	1
EDUC 103 (Foundations of Education) <i>(40-hour practicum required)</i>	3
SPED 120 (Introduction to Special Education)	3
EDUC 106 (Human Development Secondary)	3
EDUC 107 (Learning and Assessment)	3
EDUC 109 (Educational Technology)	2
EDUC 164 (Perspectives on Race, Gender and Ethnicity)	3
Total	17-18
<b>Professional Coursework</b> <i>(requires admission to Teacher Education Program)</i>	<b>Credit Hours</b>
EDUC 132 (Methods of Teaching in Secondary School) <i>(30-hour practicum included)</i>	2
Special Methods in Subject	2-3
EDUC 142 (Secondary Reading and Interdisciplinary Curriculum) <i>(10-hour practicum included)</i>	3
Total	7
<b>Professional Semester</b> <i>(requires admission to Student Teaching and senior standing)</i>	<b>Credit Hours</b>
EDUC 167 (Instruction and Management in the Secondary Grades)	1
EDUC 168 (Student Teaching Practicum) (Secondary)	11
EDUC 169 (Electronic Portfolio Seminar)	1
Total	13
<b>Additional Requirements</b>	<b>Credit Hours</b>
One mathematics or statistics course	3
Total	3
Note that the professional semester is a full-time, intensive experience. Students should not register for other courses or have other extracurricular activities that would conflict with full-time study without the written permission of the Student Teaching Committee.	

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# Requirements

All students preparing for licensure as a teacher must meet the following criteria on a continuing basis:

1. Completion of the Drake Curriculum (AOIs) or an equivalent program at another college or university, including one college-level mathematics or statistics course.
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.

# | Drake University

## Graduation and Licensure

Upon satisfactory completion of an approved teacher education program, a Proficient rating on the student's portfolio, achievement of at least 8/10 INTASC Standards at a Proficient level in classroom practice and recommendation of the Dean of the School of Education, Drake students may receive their bachelor's or master's degrees and be licensed to teach in the state of Iowa. Licensure or endorsement in other states may require different courses of study, and the individual student is responsible for knowing the rules and regulations of any other states in which he/she wishes to be certified.

In Iowa, teaching licensure is issued by the Iowa Department of Education upon recommendation of colleges and universities that have state-approved programs. All areas of concentration detailed for the School of Education are fully approved by the Iowa State Department of Public Instruction. Other states also accept recommendations for teaching licensure from Drake University, which is fully accredited by the Higher Learning Commission of the North Central Association of Schools and Colleges; American Assembly of Collegiate Schools of Business; Iowa State Department of Public Instruction; National Association of Schools of Arts and Design; National Association of Schools of Music; American Chemical Society; American Council on Education in Journalism and Mass Communication; Accreditation Council on Pharmacy Education; American Bar Association; charter member of the Association of American Law Schools. As a general rule, the School of Education requires a minimum of 30 hours in residence toward a bachelor's degree, 24 hours in residence toward any graduate degree program, a minimum of 12 hours in residence for any licensure-only program, and a minimum of 6 hours in residence toward any added-endorsement program.

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## Faculty

### Professors

BEISSER, SALLY (1999), Professor of Education. B.S., M.S., Ph.D., Iowa State University.

FEJES, KATHY (1987), Professor of Education. B.S., M.Ed., M.S., University of New Orleans; Ph.D., Arizona State University.

GERLOVICH, JACK A. (1989), Levitt Distinguished Professor of Education, Professor of Education. B.A., Buena Vista College; M.A., Ed.D., Drake University.

GILLESPIE, CATHERINE (1996), Mary Baker Collier Endowed Chair, Professor of Education. B.A., M.Ed., Wellesley College; Ph.D., University of Tennessee.

MERIDETH, EUNICE M. (1989), Levitt Distinguished Professor and Associate Dean of the School of Education, Professor of Education. B.A., Iowa State University; M.A., Loras College; M. A., Ph.D., Iowa State University.

ROMIG, JAMES L. (1988), Allbee Distinguished Professor of Education. A.B., Whittier College; Ed.D., University of Southern California.

STENSRUD, ROBERT (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

DARNELL, DAVID F. (2003), Associate Professor of Education. B.M.E., University of Kansas; M.S., Ph.D., Iowa State University.

JOHNSON, JILL CATON (2003), Associate Professor of Education. B.A., M.A., University of Iowa; Ph.D., University of Minnesota.

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), Assistant Professor of Education. B.S., Creighton University; M.S., University of Nebraska-Omaha; Ph.D., University of Minnesota-Twin Cities.

WALKER, JANICE M. (2005), Associate Professor of Education. B.A., College of St. Scholastica; M.A., University of Northern Iowa; Ph.D., Iowa State University.

## **Assistant Professors**

BRUINEKOOL, MATTHEW (1993), Assistant Professor and Director of the National Rehabilitation Institute. B.S., University of Iowa; M.S.E., Drake University; Ed.D., Drake University.

BUCKMILLER, THOMAS (2009), Assistant Professor of Education. B.A., Mount Maity College; M.Ed., Iowa State University; Ph.D., The Pennsylvania State University.

COUVILLON, MICHAEL (2006), Assistant Professor of Education. B.S., University of Nebraska; M.E., Ph.D., University of North Texas.

CRABTREE-GROFF, KRISTEN (2004), Assistant Professor of Education. B.A., Coe College; M.S., Ed.S., Ed.D., Drake University.

DRAKE, THOMAS (2006), Clinical Assistant Professor of Education. B.A., Drake University; M.S.E., Drake University.

ERGUNER-TEKINALP, BENGU (2007), Assistant Professor of Education. B.S., M.S., Middle East Technical University; Ph.D., Auburn University.

FAIRBAIRN, SHELLEY (2007), Assistant Professor of Education. B.M.E., M.A., Oral Roberts University; Ph.D., University of Iowa.

JOHNSON, ERIC L. (2003), Assistant Professor of Education and Director of the Urban Education Program. B.A., B.S., M.A.A.S., M.E., Ph.D., Ohio State University.

LEUWERKE, WADE C. (2004), Assistant Professor of Education. B.A., Gustavus Adolphus College; M.A., Ph.D., Southern Illinois University at Carbondale.

SMITH-BRIGHT, ELAINE (2007), Clinical Assistant Professor of Education. B.S., Drake University; M.S., Iowa State University; Ed.D., Drake University.

## **Emeriti Professors**

ADAMS, DONALD V., Professor Emeritus of Education.

BRAGG, DESMOND, Professor Emeritus of Education.

DYER, PRUDENCE, Professor Emerita of Education.

EVANS, ROBERT, Professor Emeritus of Education.

FELLERS, MARVIN, Associate Dean and Professor Emeritus of Education.

FISHER, JOSEPH A., 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 Emeritus of Education

PUGH, RAY, Professor Emeritus of Education.

ROWLEY, CHARLES D., Professor Emeritus of Education.

STJERNBERG, LLOYD A., Professor Emeritus of Education.

TIEDEMAN, STUART, Professor Emeritus of Education.

VANCE, PAUL C., Professor Emeritus of Education.

WILLIAMS, HILDA LEE, Professor Emerita of Education.

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# **| Drake University**

## **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 also has received national recognition for its electronic classrooms and wireless network. 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.

## **College 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-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.

### **LL.M. and M.J Degrees**

The Law School is establishing three Master of Laws (LL.M.) and Master of Jurisprudence (M.J.) programs in Intellectual Property Law, health Law, and Individualized Studies. Open to both domestic and international students, the program will commence in fall 2010. Students may enroll for a full-time or part-time basis.

The LL.M. degree is an internationally recognized postgraduate law degree aimed at lawyers and recently graduated law students. The M.J. degree is specially designed for non-lawyers, such as doctoral students in other disciplines, policymakers, government officials, business executives, doctors, scientists, journalists, health care professionals, intellectual property agents and computer programmers.

Students enrolled in the LL.M/M.J. Programs will be able to select from a wide variety of courses in the specialized areas of health and intellectual property law as well as in human rights, international and comparative law, and agricultural law. To provide flexibility, the Law School offers an LL.M/M.J. in Individualized Studies which allows students to fashion a curriculum that fits their professional goals and

career objectives. The degree is ideal for students who seek an advanced curriculum that facilitates their transition to practice or for foreign lawyers-students who seek a grounding in American law.



# **| Drake University**

## **College of Pharmacy and Health Sciences**

### **College Vision Statement**

The College of Pharmacy and Health Sciences is recognized for its innovation, demonstrating continuous quality improvement in teaching, scholarship and service, while boldly pursuing opportunities for breakthrough achievements within those same arenas. The college prepares individuals to meet the expectations and challenges of health care practices, providing a balance between foundational scientific, socioeconomic and practice theories along with meaningful, exemplary practice opportunities. Further, the college fulfills its obligation to advance the level of health care knowledge and practice through scholarly endeavors, incorporating the efforts of all who define its learning communities and embracing the scholarly functions of discovery, innovation, application and teaching.

### **College Mission Statement**

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](#)

# College of Pharmacy and Health Sciences

## Areas of Study

The College of Pharmacy and Health Sciences offers the following programs:

- [Doctor of Pharmacy](#) (Pharm.D.)
- [Health Sciences](#)

# **| Drake University**

## **Doctor of Pharmacy (Pharm. D.)**

### **Degree Options**

Doctor of Pharmacy (DP)

### **Description of Program**

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 100 percent placement rate.

### **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 of the Professional Program in Pharmacy**

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**

208 semester credit hours for students graduating in 2010 or earlier; 209 semester credit hours for students graduating 2011 and after.

The four-year professional program is preceded by two years of pre-professional coursework. 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 PharmD Difference, through which students are guaranteed 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 PharmD Difference.

All students desiring to enter the professional program must complete the Pharmacy Centralized Applications Services ([www.PharmCAS.org](http://www.PharmCAS.org)) application and the College of Pharmacy and Health Sciences Supplemental Application Form.

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.

Additional information regarding the admission process for pre-pharmacy and professional programs can be viewed at </cphs/admission>.

### **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 ([/cphs/handbooks\\_policies.php](/cphs/handbooks_policies.php))

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](http://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.

All fourth-year pharmacy students are required to complete 40 weeks of experiential rotations (Pharmacy 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.

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# | Drake University

## Health Sciences

### Degree Options

Bachelor of Science with a major in health sciences.

### Description of Program

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 begin at 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
- Pharmaceutical Sciences

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 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.

Students in the Pharmaceutical Sciences track will focus on laboratory-based courses and research experiences that prepare them for careers in research, drug development and pursuit of graduate education.

## **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 curriculum guides listed below.

- Clinical and Applied Sciences ([http://pharmacy.drake.edu:8080/asp/Programs/curriculum\\_print.aspx?id=17](http://pharmacy.drake.edu:8080/asp/Programs/curriculum_print.aspx?id=17))
- Health Services Management ([http://pharmacy.drake.edu:8080/asp/Programs/curriculum\\_print.aspx?id=15](http://pharmacy.drake.edu:8080/asp/Programs/curriculum_print.aspx?id=15))
- Pharmaceutical Sciences ([http://pharmacy.drake.edu:8080/asp/Programs/curriculum\\_print.aspx?id=16](http://pharmacy.drake.edu:8080/asp/Programs/curriculum_print.aspx?id=16))



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