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2016-2017

Undergraduate Catalog

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ILLINOIS STATE UNIVERSITY

Undergraduate Catalog

2016-2017

Effective May 16, 2016

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Faculty Information

Faculty whose names appear in the department or school faculty lists were teaching at the University when the catalog was published. Because of sabbatical leaves, temporary assignments, research projects, and other reasons, not all of these faculty will be teaching in the period covered by this catalog.

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NOTIFICATION OF RIGHTS UNDER FERPA AND PUBLIC NOTIFICATION OF DIRECTORY INFORMATION

Notification of Rights Under FERPA for Postsecondary Institutions:

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

(1) The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.

A student should submit to the University Registrar a written request that identifies the record(s) the student wishes to inspect. The University official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

(2) The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.

If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

(3) The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

The University discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted as its agent to provide a service instead of using University employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in

order to fulfill his or her professional responsibilities for the University.

Upon request, the University also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

(4) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

(5) Illinois State University will, upon written request, disclose to the alleged victim of any crime of violence or a nonforcible sex offense, the results of any disciplinary proceeding conducted by the institution against a student who is the alleged perpetrator of such crime or offense. If the alleged victim is deceased as a result of the crime or offense, the information shall be provided, upon request, to the next of kin of the alleged victim.

Public Notification of Directory Information:

At its discretion, Illinois State University may provide "directory information" in accordance with the provisions of the Family Educational Rights and Privacy Act of 1974 (FERPA). Directory information is defined as that information which would not generally be considered harmful or an invasion of privacy if disclosed. Designated directory information at Illinois State University includes the following: student's name, address (campus, home, mailing), telephone listing (home), electronic campus email address, date and place of birth, major field of study, dates of attendance, grade level, enrollment status (e.g. undergraduate or graduate, full-time or part-time), participation in officially recognized activities or sports, weight or height of members of athletic teams, target graduation date, degrees, honors and awards received, and the most recent educational agency or institution attended. Students may block the public disclosure of directory information by notifying the Office of the University Registrar in writing prior to the first day of classes.

Please consider very carefully the consequences of a decision to withhold directory information. A non-disclosure block will call for Illinois State University not to release any of this "directory information;" thus, any future requests for such information from non-institutional persons or organizations will be refused.

Illinois State University will honor your request to withhold directory information but cannot assume responsibility to contact you for subsequent permission to release this information. Regardless of the effect upon you, Illinois State University assumes no liability as a result of honoring your instructions that such information be withheld.

Although the initial request may be filed at any time, requests for non-disclosure will be honored by the University until removed, in writing, by the student.

USING THE CATALOG

The statements in this catalog are for informational purposes only and should not be construed as the basis of a contract between a student and Illinois State University. The course offerings and requirements of the University are continually under review and revision. This catalog presents those in effect at the time of publication. Courses listed in this publication are subject to revision without advance notice and are not necessarily offered each term or each year.

Information regarding changes will be available in the Offices of the University Registrar, the Provost, the colleges, major departments, and schools. It is especially important that each student note that it is his or her responsibility to be aware of current graduation requirements for a particular degree program.

Undergraduate Catalog Requirements

For a student who attends at least one term of each academic year, graduation requirements are specified in the *Undergraduate Catalog* for the year of entry to the University. If attendance is not continuous, a student must meet the requirements specified in the *Undergraduate Catalog* in effect when he or she reenters the University. If such a student continues in the curriculum chosen originally, the hours earned in meeting the requirements of the original program may typically apply to the hour requirement of a revised program. In some rapidly advancing fields, students may be required to repeat courses where content has changed significantly.

In all instances, the University may adjust graduation requirements to ensure that each graduate of a teacher preparation curriculum meets the course requirements for an Illinois Teaching License.

A student who transfers from an Illinois public community college to this university may choose to meet graduation requirements specified in the Illinois State University *Undergraduate Catalog* in effect at the time the student entered the community college if (1) attendance was not interrupted (not including summer terms), and (2) transfer to Illinois State occurred within nine months of attendance at the community college.

Since University programs are constantly evaluated and improved, a student may graduate under new requirements published while he or she is in attendance at the University. **A student who changes to new *Undergraduate Catalog* requirements, however, must meet all the requirements including General Education and graduation requirements, in that catalog.**

COURSE PREREQUISITES

Course prerequisites in effect at the time of publication are printed in this catalog. However, prerequisites may change over time and do not depend on catalog year. The registration system will enforce prerequisites in effect at the time of registration.

Academic Terminology

In reading this catalog, you may encounter some words or phrases that are unfamiliar. The following list defines terms frequently used within the Illinois State community and will help you more easily understand information you will receive from the University.

Academic Affairs One of the four major divisions of the University, headed by the Vice President and Provost, that focuses on educational needs of students.

Academic Good Standing A minimum cumulative grade point average of 2.00, which is required for continued enrollment in the University.

Academic Year The period of time commencing with the fall semester (16 weeks) and continuing through the spring semester (16 weeks) and summer term (12 weeks).

Advanced Placement Program Sponsored by the College Board, this program allows students to be awarded credit or exemptions from required courses based on test scores.

Alumni Individuals who have attended or graduated from a particular college or university.

Audit The completion of a course taken without credit.

Board of Trustees The governing body for Illinois State University.

Campus Solutions Student Information System software that supports registration and managing students' progress toward their degrees.

Career Campus Solutions term for undergraduate or graduate status.

Clinical Experience Part of a program that allows for observation, participation, studies of individual pupils or clients, individual field work, and practicums both on and off campus.

College Level Examinations Program (CLEP) A program that allows students to receive credit by examination rather than completing course work.

Credit Hour A standard unit of measuring course work; credit hours are assigned to a particular course and count toward graduation, except in remedial courses. Typically a course that meets for three hours a week is worth three credit hours.

Cross-listed Course Course offered by more than one department, but treated as one course for credit purposes.

Curriculum A program of study covering the entire undergraduate or graduate career and designed to satisfy the requirements for a degree.

Dean The highest administrative officer of a college.

Department Chairperson An administrative officer holding faculty rank; responsible for the primary unit of academic organization.

6 Academic Terminology

Enrollment Verification Undergraduate students for fall and spring are considered full-time if they are enrolled 12.0 or more semester hours, half-time if they are enrolled fewer than 12.0 but at least 6.0 semester hours, and part-time if they are enrolled fewer than 6.0 semester hours. Undergraduate students for summer are considered full-time if they are enrolled 6.0 or more semester hours, half-time if they are enrolled fewer than 6.0 but at least 3.0 semester hours, and part-time if they are enrolled fewer than 3.0 semester hours.

Escrow Credit The practice of holding the placement of courses until the successful completion of specified courses. For example, diploma school or Associate Degree nursing courses are “held in escrow” for the student until successful completion of three specified Nursing upper-division courses at Illinois State University.

Finance and Planning One of the four major divisions of the University, headed by the Vice President for Finance and Planning, that focuses on financial management and planning.

General Education Program Thirty-nine credit hours of integrated foundation courses that must be completed to obtain a baccalaureate degree.

Grade Point Average (GPA) The total number of grade points divided by the total graded semester hours attempted at Illinois State University.

Hold A block that may prevent a student from receiving a service or performing an action, for example a financial hold may result in a student not being allowed to register or receive a transcript. Campus Solutions refers to a hold as a “negative service indicator.”

Honors Program Program designed to serve the needs of academically talented, high-achieving students.

Illinois Articulation Initiative (IAI) A statewide agreement among more than 100 public and selected private institutions, designed to facilitate transfer between colleges and universities within the state.

Illinois Board of Higher Education (IBHE) The board that oversees and coordinates all public higher education in Illinois.

Independent Study Intensive study in a special area of the student’s interest under the direction of a faculty member. Each individual investigation is to culminate in a comprehensive written report and/or examination and/or artistic project. A maximum of 6 semester hours may be applied toward graduation.

Institute Federal- and state-sponsored (or similar) short-term programs requiring treatment of subject matter of a special nature, often for special groups. Courses taught as institutes are designated by the number 397.

Interdisciplinary A program or course that spans two or more academic disciplines.

Matriculation The point at which a student is formally admitted to the university and able to enroll in classes.

Midterm Grades are collected for all new first-year students as well as for some other student groups to allow for early intervention to increase student success.

Milestone Program requirements that are not credit-bearing but may serve as prerequisites for courses.

Nontraditional Student A student who does not fit the typical profile of undergraduate students.

Office of University Registrar An academic service unit that maintains academic records, awards transfer credit, and provides enrollment verification, transcripts and course registration. Student questions can be answered in 107 Moulton.

Prerequisite Specific requirements that must be completed prior to enrolling in a given class, program, or field of study.

Preview A two-day program held during the summer to orient new freshmen students and their families to campus.

Professional Practice Professional Practice consists of academic/career related work experiences completed for credit either on campus or at a place of business. They may or may not be salaried. A maximum of 16 credit hours may count toward graduation.

Provost The Vice President for Academic Affairs who is responsible for all academic matters.

School Director An administrative officer holding faculty rank; responsible for the primary unit of academic organization.

Semester A semester at Illinois State is the 16-week academic session offered each fall and spring.

Semester Hour See “credit hour.”

Seminar A regular meeting of students, under the guidance of a faculty member, in which each conducts research and exchanges information, problems, and results through informal lectures, reports, and discussion.

Session See “semester.”

Seventy-five (75) Hour Limit on Undeclared Student Status: Illinois State University requires all students to have a declared major upon completion of 75 hours of college-level coursework, including transfer credit.

Student Affairs One of the four major divisions of the University, headed by the Vice President of Student Affairs, that focuses on personal and nonacademic needs of students.

Syllabus A document describing the objectives, outcomes, assessment activities, and structure of a course.

Term Campus Solutions term for “semester.”

Transcript The University’s official record of credit or degrees awarded, including the courses taken by a student and the grades received in each course.

Transfer Day Program Specifically designated days for transfer students to meet with an academic advisor and to complete advance registration.

Unit Campus Solutions term for “semester hour” and “credit hour.”

University Advancement One of the four major divisions of the University, headed by the Vice President for University Advancement, that focuses on public outreach and fundraising.

University College An academic unit that provides academic support to all students, advising all freshmen and undeclared students, and special populations of undergraduate students such as pre-health students, international students, and student-athletes. University College provides academic support and tutoring to all students as well as programs and services that assist students in making the transition to the University. University College also oversees the Interdisciplinary Studies and University Studies Majors.

Welcome Week A variety of social activities scheduled at the beginning of the fall semester to integrate students into campus life.

Program and Course Explanations

UNITS OF INSTRUCTION

Major: A cohesive combination of courses, including introductory, intermediate, and advanced course work that designates a student’s primary area of specialization. Majors are designated on university transcripts.

Minor: A combination of courses designed to provide a cohesive introduction to an area of study beyond the major. Minors are designated on university transcripts upon receipt of degree.

Plan: Campus Solutions term for “major.”

Sequence: A subdivision of a major/minor in which there are specific requirements. Sequences of the same major or minor generally share a common core within a major or minor. Sequences are designated on university transcripts upon receipt of degree.

Subplan: Campus Solutions term for a “sequence.”

Concentration: A subdivision of a major without specific requirements that is provided for advisement only. Concentrations are not designated on university transcripts. All informal curricular recommendations made by departments and schools (such as emphases, tracks, areas of study, specializations, etc.) should be considered concentrations. Concentrations are advisory only; no approval process is required.

COURSE OFFERINGS

Contract: Contract educational services, programs and courses are delivered through mutual contract to a business site for a specific cohort or business entity.

“Decimalized” Course: A course with different subtopics but standard learning outcomes, for example, History 104 may examine different regions. Campus

Solutions replaces the decimal by an “A” so HIS 104.01 appears as HIS 104A01.

Independent Study: Intensive study in a special area of the student’s interest under the direction of a qualified member of the faculty. Each individual investigation is to culminate in a comprehensive written report and/or examination and/or artistic project. A maximum of six semester hours may be applied toward graduation.

Institute: Federal- and state-sponsored (or similar) short-term programs requiring treatment of subject matter of a special nature, often for special groups. Institutes are designated by the number 397.

Internet Courses: Courses delivered primarily over the internet either in real time (synchronously) or on the student’s schedule (asynchronous) but within a specified period of time.

Professional Practice: Professional Practice consists of one or more credit-generating, academic/career related, salaried or non-salaried work experiences. Professional Practice work sites are located on the Illinois State University campus and with business, industry, government, and other agencies and organizations outside the University. Professional Practice courses are designated by the numbers 198, 298, 398, 498, and 598.

Seminar: A regular meeting of students, under the guidance of a faculty member, in which each conducts research and exchanges information, problems, and results through informal lectures, reports, and discussion.

Temporary Course: Temporary courses are approved by the curriculum committees for a time period not to exceed three years. Temporary courses often are used to experiment with a new curricular design, to take advantage of the skills of a faculty member who will be at the University for a limited period, or to respond to particular interests of students. Temporary courses are designated by the numbers 189, 289, 389, 489, and 589. Temporary courses may not be required within a major or sequence.

Topics Course: An organization of subject matter and related learning experiences composed of identifiable subdivisions of topics. Each topic is of sufficient significance to be treated separately as a unit of instruction for an entire semester or term. The content of the course varies by semester.

Workshop: Intensive and applied work on special problems in one or more subject areas. Workshop opportunities are provided on special problems not covered in any regular University courses. Workshops are generally designated by the numbers 193, 293, 393, 429, and 493.

COURSE INFORMATION

The University operates on the semester plan. The credit value of all courses is stated in terms of semester hours. Ordinarily, a semester hour is assigned for a 50-minute class meeting per week for the semester; therefore, a course valued at three semester hours generally meets three periods weekly. In laboratory courses, at least two 50-minute periods per week are ordinarily required for each semester hour of credit.

8 Academic Terminology

Course Availability: Some courses listed in the *Undergraduate Catalog* may not be available each year. Students should consult the major department or school or the University website at My.IllinoisState.edu for class availability. Questions concerning scheduling of courses should be referred to the department chairperson or school director.

Course prerequisites in effect at the time of publication are printed in this catalog. However, prerequisites may change over time and do not depend on catalog year. The registration system will enforce prerequisites in effect at time of registration.

COURSE NUMBERING

Each course bears a distinguishing number for identification and indication of its academic level. The numbering system is as follows:

100-199 Lower-division undergraduate courses, primarily for freshmen and sophomores.

200-299 Upper-division undergraduate courses, primarily for juniors and seniors. A student normally should have completed at least 45 semester hours before enrolling in a course at this level.

300-399 Advanced undergraduate courses. Open to juniors, seniors, and sometimes graduate students. A student normally should have completed at least 75 semester hours before enrolling in a course at this level.

400-499 Graduate courses. See the *Graduate Catalog*. Courses at this level are for graduate students. With approval from the instructor, the department chair/school director, and the Graduate School, advanced undergraduates may be permitted to enroll in 400-level courses for *undergraduate credit only*. Those credits will not apply to a graduate degree. Details are on the standard override form.

Seniors seeking to enroll in 400-level courses for *graduate credit* prior to graduation must first apply and be provisionally admitted to a graduate degree program at Illinois State. Additional rules and restrictions apply. See instructions for “Seniors Taking Graduate Courses for Graduate Credit” in the *Admission to Master’s Programs* section of the *Graduate Catalog*.

500-599 Courses limited to advanced graduate or doctoral students.

COURSE DESCRIPTIONS

The following information is given for each course: course number (three or five digits preceding the title); course title; and credit value in semester hours. The University may cancel or add course offerings after publication of this *Undergraduate Catalog* depending upon the adequacy of enrollment and availability of faculty. Following the above information, any prerequisites, restrictions on enrollment, and any special considerations are noted. A course prerequisite is knowledge or experience a student is required or recommended to have prior to

enrolling in a course.

Sample Course Listing:

102 MUSIC THEORY

2 sem. hrs.

Continuation of common practice syntax; emphasis on formal analysis and composition of common practice idioms. Prerequisites: MUS 101 or consent Theory Coordinator.

The course number, “102,” indicates that the course is primarily for freshmen and sophomores. The “2 sem. hrs.” following the title, indicates the credit value in semester hours. A brief description of the course is provided in the paragraph following the semester hours. The information after “Prerequisites” indicates the required background for enrolling in the course. In the example given, a student must have passed Music 101 or have consent of the Coordinator of Music Theory prior to enrollment in 102. Course title revisions or a change in the course number are indicated by a “formerly” statement. Additional information about the course is available in the particular departmental or school office.

Terms Used in Course Descriptions:

Also offered as (cross-listed course) means that the specified courses are identical and are thus considered interchangeable in meeting all requirements. Credit can only be earned in one of the specified courses.

Concurrent registration required (or recommended) means that concurrent registration in two courses is required (or recommended).

Consent of department advisor The advisor(s) of the department offering the course must give consent before a student may register for the course.

Consent of department chair The chairperson of the department offering the course must give consent before a student may register for the course.

Consent of instructor The course instructor must give consent before a student may register for the course.

Consent of school director The director of the school offering the course must give consent before a student may register for the course.

Formerly offered as indicates a course previously offered under a different number or title. The course is interchangeable with the previous course number or title.

Includes Clinical Experience indicates that certain Clinical Experiences in the student’s field are required in the course.

Materials charge optional indicates an optional fee charge for course materials.

May be repeated indicates that a course may be taken for credit more than once if different content is planned; however, there may be a maximum amount of credit specified for the course.

Not for credit if had (course) means that content overlap exists between the specified courses and that students should not be able to count both toward graduation. Such courses are not, however, considered interchangeable in meeting all requirements.

Not for credit major/minor means that the credit from this course may not be applied to the major or minor program requirements.

Variable credit courses are those courses leading to differing number of credit hours. For example: Student Teaching (STT 399) has variable credit hours from 1-16. A student should plan with the advisor the number of hours to be sought in a variable credit course.

DEPARTMENTAL, SCHOOL, AND UNIT ABBREVIATIONS

The following abbreviations for departmental, school, and unit offerings are used both in the program requirement descriptions and in the course descriptions throughout the *Undergraduate Catalog*.

ACC	Accounting	LAN	Languages, Literatures, and Cultures
AGR	Agriculture	CHI	Chinese
ANT	Anthropology	FRE	French
ART	Art	GER	German
ATK	Art Technology	ITA	Italian
BSC	Biological Sciences	JPN	Japanese
BE	Business Education	LAT	Latin
BUS	Business Core	POR	Portuguese
CHE	Chemistry	SPA	Spanish
COM	Communication	MAT	Mathematics
CJS	Criminal Justice Sciences	MKT	Marketing
CSD	Communication Sciences and Disorders	MQM	Management and Quantitative Methods
ECO	Economics	MSC	Military Science
EAF	Educational Administration and Foundations	MUS	Music
ENG	English	NUR	Nursing
FCS	Family and Consumer Sciences	PHI	Philosophy
FIL	Finance, Insurance, and Law	PHY	Physics
GEO	Geography-Geology	POL	Politics and Government
HIS	History	LGS	Legal Studies
HON	Honors	PSY	Psychology
HSC	Health Sciences	SED	Special Education
IDS	Interdisciplinary Studies	SOC	Sociology
INB	International Business	SWK	Social Work
IT	Information Technology	TCH	Teaching and Learning
KNR	Kinesiology and Recreation	TEC	Technology
LAL	Latin American and Latino/a Studies	THD	Theatre and Dance
		DAN	Dance
		THE	Theatre
		WGS	Women's and Gender Studies

ACCREDITATION

Illinois State University is accredited by the Higher Learning Commission, one of six regional accrediting bodies for higher education recognized by the United States Department of Education. For further information regarding this accreditation contact the Higher Learning Commission at 230 South LaSalle Street, Suite 7-500, Chicago, Illinois 60604-1413, phone (800) 621-7440 or (312) 263-0456; email info@hlcommission.org; or visit the Commission website at <https://www.hlcommission.org/>.

The teacher preparation unit and its programs are accredited by the National Council for Accreditation of Teacher Education, which, in 2013, consolidated with the Teacher Education Accreditation Council to become the Council for the Accreditation of Educator Preparation. Teacher preparation programs at Illinois State are also annually approved by the Illinois State Board of Education.

Numerous programs of study at Illinois State hold discipline-based accreditation. A list of specialized accreditation bodies with which the University is associated is available at <http://provost.illinoisstate.edu/academic/accreditation/>.

The University holds institutional memberships in the American Council on Education, the American Association of State Colleges and Universities, the American Association of Colleges for Teacher Education, and the Council of Graduate Schools.

ILLINOIS STATE UNIVERSITY MISSION STATEMENT

We at Illinois State University work as a diverse community of scholars with a commitment to fostering a small-college atmosphere with large-university opportunities. We promote the highest academic standards in our teaching, scholarship, public service and the connections we build among them. We devote all our resources and energies to creating the most supportive and productive community possible to serve the citizens of Illinois and beyond.

Adopted by Academic Senate, May 7, 2008.

UNIVERSITY COMMITMENT TO DIVERSITY

Diversity is one of five core institutional values underlying strategic planning and implementation of programs and services at Illinois State University. Goals and strategies for maintaining and increasing the diversity of students, faculty, and staff at Illinois State are articulated in the university strategic plan, *Educating Illinois*. Illinois State affirms and encourages community and a respect for differences by fostering an inclusive environment characterized by cultural understanding, ethical behavior, and social justice. The University supports a diverse faculty

and staff who mentor a diverse student population. The University endeavors to provide opportunities for all students, staff, and faculty to participate in a global society.

OFFICE OF EQUAL OPPORTUNITY, ETHICS AND ACCESS

Illinois State University, as an equal opportunity/affirmative action employer, complies with all applicable federal and state laws regarding affirmative action, nondiscrimination, and anti-harassment. Illinois State University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, national origin, sexual orientation, order of protection, gender identity and expression, ancestry, age, marital status, disability, genetic information, unfavorable military discharge, or status as a veteran in employment, educational programs and activities, or admissions. Inquiries regarding equal opportunity or affirmative action at Illinois State may be directed to the Office of Equal Opportunity, Ethics, and Access at (309) 438-3383.

DISCLOSURE OF CAMPUS SECURITY AND CAMPUS CRIME STATISTICS

Illinois State University is committed to the safety and welfare of the campus community. Campus safety and security at Illinois State University is a shared responsibility. The best protection against campus crime is an aware, informed, and alert campus community (students, faculty, staff, and visitors) who report crime and suspicious behavior in a timely manner and use reason and caution during their daily activities.

The Jeanne Clery Disclosure of Campus Security and Campus Crime Statistics Act is a federal law that requires colleges and universities to disclose certain timely and annual information about campus crime and security policies. Information contained in the Annual Security Report includes criminal and fire statistics for the past three years of reports of incidents that occurred on campus, in certain off-campus buildings or property owned or controlled by the University, and on public property within or immediately adjacent to campus. The Annual Security Report also includes policies and statistics required by the federal Violence Against Women Act related to sexual assault, domestic violence, dating violence, and stalking. In addition, the Report contains information on other University policies and procedures related to campus security, emergency management, crime reporting, and other resources available to student.

The Annual Security Report and Fire Safety Compliance Document is available on the Campus Safety and Security website at: Security.IllinoisState.edu. If you have any questions or would like to request a paper copy of the report, please contact the Illinois State University Police Department at (309) 438-8631.

COMPLAINT RESOLUTION

Federal regulations require institutions of higher education to make public contact information for filing complaints. The information below is intended to provide both institutional and external contact information to current and prospective students.

Harassment and discrimination: The Office of Equal Opportunity and Access (EqualOpportunity.illinoisstate.edu) addresses all issues related to the policies and procedures for addressing discrimination and harassment. Refer to the Anti-Harassment and Non-Discrimination Policy Complaint Procedures. (policy.illinoisstate.edu/conduct/1-2-1.shtml)

Concerns regarding faculty: When a student has an issue or complaint regarding a faculty member relating to an academic course or program the following steps are recommended:

1. Address the concern directly with the faculty member.
2. If the concern cannot be sufficiently addressed with the faculty member, the student should contact the Chair or Program Director.
3. If the concern cannot be sufficiently addressed with the Chair or Program Director, the student should contact the Office of the Dean of the College.

When addressing complaints with faculty, students are also encouraged to review the following documents:

- Code of Student Conduct (deanofstudents.illinoisstate.edu/conflict/conduct/code/)
- Academic Dishonesty (Plagiarism) deanofstudents.illinoisstate.edu/conflict/conduct/code/academic.php
- Grade Challenge Policy (provost.illinoisstate.edu/faculty/coursegradechallenge.shtml)

Concerns regarding staff members: When a student has an issue or complaint regarding a staff member the following steps are recommended:

1. Address the concern directly with the staff member.
2. If the concern cannot be sufficiently addressed with the staff member, the student should contact the staff member's direct supervisor.

Internal resource: Dean on Duty - All students have access to the Dean on Duty in the Dean of Students Office (DeanofStudents.illinoisstate.edu/contact/dean/) to ask for advice and assistance in navigating concerns and complaints. The Dean on Duty is available every Monday-Friday 8:00 a.m. - 4:30 p.m. for walk-ins or phone consultations in #144 Bone Student Center.

External resources:

- The State of Illinois - Illinois Board of Higher Education (ibhe.org/consumerInfo/complaint.htm).
- The Higher Learning Commission, Illinois State University's regional accreditor (hlcommission.org/General/contact-us.html).

Online or Distance Education Complaint Resolution: Students enrolled in Online or Distance Education are encouraged to contact:

- The Technology Support Center for technical problems: (ITHelp.illinoisstate.edu).
- Their instructor for academic concerns or referral to learning resources.
- Their department chair or school director for concerns that cannot be resolved by the instructor or Technology Support Center.

If the issue cannot be resolved through the resources listed above, information regarding the complaint processes for each state of residence is listed in the Complaint Resolution section of the Illinois State Consumer Guide. (IllinoisState.edu/quickfacts/).

GOVERNANCE

The Academic Senate is the primary governing body of the University. The Senate acts in legislative and advisory roles with regard to University policies involving faculty and students, academic programs and planning, and University concerns. Based upon the concept of shared governance, the 62-member Senate's representatives consist of 31 faculty members, the composition of which is 29 tenure/tenure track faculty members, one non-tenure-track faculty member and one Faculty Associate from the Lab Schools, 21 students, including the Student Body President, one representative from the Civil Service Council and one from the Administrative Professional Council. Additionally, the ex-officio representatives are the President of the University, three Vice Presidents, one Associate Vice President, a representative from the Deans Council, a representative from the Chairs Council, and the Student Trustee.

Through the Academic Senate and its external committee system, students, faculty, staff and administrators share in the study and development of policy. Students are encouraged to participate in the Senate-appointed committees and councils such as the Academic Planning Committee, Athletic Council, Council for Teacher Education, Honors Council, Council on General Education, Student Center Complex Advisory Board, Library Committee, Reinstatement Committee, Student Code Enforcement and Review Board (SCERB), and University Curriculum Committee. Students also participate as members of college and departmental councils and curriculum committees, and serve on search committees for the evaluation of administrative applicants and on ad hoc committees. Application forms for committees for faculty are available from the Academic Senate Office, Campus Box 1830, Hovey 408; (309) 438-8735; email address: ACSenate@IllinoisState.edu. Applications for students are available at the Student Government Association Office, (309) 438-8971.

Academic Program Information

Illinois State University offers a variety of academic majors and minors. Academic degree programs and minors, listed by College, are outlined below.

UNIVERSITY-WIDE PROGRAMS

African-American Studies: undergraduate minor
 African Studies: undergraduate minor
 Children's Studies: undergraduate minor
 Civic Engagement and Responsibility: undergraduate minor
 Cognitive Science: undergraduate minor
 Ethnic Studies: undergraduate minor
 European Studies: undergraduate minor
 Interdisciplinary Studies: undergraduate minor, B.A., B.S.
 International Studies: undergraduate minor
 Latin American and Latino/a Studies: undergraduate minor
 Middle Eastern and South Asian Studies: undergraduate minor
 Native American Studies undergraduate minor
 Peace and Conflict Resolution Studies: undergraduate minor
 University Studies: B.A., B.S.
 Urban Studies: undergraduate minor
 Women's and Gender Studies: undergraduate minor

DEPARTMENTAL AND SCHOOL PROGRAMS LISTED BY COLLEGE

College of Applied Science and Technology

Agriculture: undergraduate minor, B.S., M.S.
 Athletic Coaching: undergraduate minor
 Athletic Training: B.S.
 Community Health Education: undergraduate minor
 Computer Science: undergraduate minor, B.S.
 Construction Management: B.S.
 Criminal Justice Sciences: undergraduate minor, B.A., B.S., M.A., M.S.
 Engineering Technology: B.S.
 Environmental Health: undergraduate minor, B.S.
 Exercise Science: undergraduate minor, B.S.
 Family and Consumer Sciences: undergraduate minor, B.A., B.S., M. A., M.S.
 Fashion Design and Merchandising: B.A., B.S.
 Food, Nutrition, and Dietetics: B.A., B.S.
 Graphic Communications: B.S.
 Health Education: B.S., B.S.Ed.
 Health Information Management: B.S.
 Human Development and Family Science: B.A., B.S.
 Industrial Technology: B.S.
 Information Systems: undergraduate minor, B.S., M.S.
 Interior Design: B.A., B.S.
 Kinesiology and Recreation: M.S.
 Medical Laboratory Science: B.S.
 Military Science: undergraduate minor
 Network and Telecommunications Management: B.S.

Physical Education: B.S., B.S.Ed.
 Public Health: undergraduate minor
 Recreation and Park Administration: undergraduate minor, B.S.
 Renewable Energy: B.S.
 Safety: undergraduate minor, B.S.
 Technology: undergraduate minor, M.S.
 Technology and Engineering Education: B.S.

College of Arts and Sciences

African-American Studies: undergraduate minor
 African Studies: undergraduate minor
 Anthropology: undergraduate minor, B.A., B.S., M.A., M.S.
 Applied Economics: M.A., M.S.
 Audiology: Au.D.
 Biochemistry: B.S.
 Biological Sciences: undergraduate minor, B.S., M.S., Ph.D.
 Biological Sciences Teacher Education: B.S.
 Chemistry: undergraduate minor, B.S., M.S.
 Chemistry Education: M.S., M.C.E.
 Children's Studies: undergraduate minor
 Civic Engagement and Responsibility: undergraduate minor
 Classical Studies: undergraduate minor
 Clinical-Counseling Psychology: M.A., M.S.
 Cognitive Science: undergraduate minor
 Communication: M.A., M.S.
 Communication Sciences and Disorders: undergraduate minor, B.S.
 Communication Studies: undergraduate minor, B.A., B.S.
 East Asian Studies: undergraduate minor
 Economics: undergraduate minor, B.A., B.S.
 English: undergraduate minor, B.A., M.A., M.S.
 English Studies: Ph.D.
 Environmental Studies: undergraduate minor
 European Studies: undergraduate minor
 French: undergraduate minor, B.A.
 Geography: undergraduate minor, B.A., B.S.
 Geology: undergraduate minor, B.S.
 German: undergraduate minor, B.A.
 Gerontology: undergraduate minor
 History: undergraduate minor, B.A., B.S., M.A., M.S.
 Hydrogeology: M.S.
 Italian Studies: undergraduate minor
 Journalism: B.A., B.S.
 Languages, Literatures, and Cultures: M.A.
 Latin American and Latino/a Studies: undergraduate minor
 Legal Studies: undergraduate minor, B.A., B.S.
 Mass Media: undergraduate minor, B.A., B.S.
 Mathematics: undergraduate minor, B.A., B.S., M.S.
 Mathematics Education: Ph.D.
 Middle Eastern and South Asian Studies: undergraduate minor
 Molecular and Cellular Biology: B.S.
 Peace and Conflict Resolution Studies: undergraduate minor

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Philosophy: undergraduate minor, B.A.
Physics: undergraduate minor, B.S.
Political Science: undergraduate minor, B.A., B.S.,
M.A., M.S.
Psychology: undergraduate minor, B.A., B.S., M.A.,
M.S.
Public Relations: B.A., B.S.
Religious Studies: undergraduate minor
School Psychology: S.S.P., Ph.D.
Social Work: B.S.W., M.S.W.
Sociology: undergraduate minor, B.A., B.S., M.A., M.S.
Spanish: undergraduate minor, B.A.
Speech-Language Pathology: M.A., M.S.
Teaching English to Speakers of Other Languages:
undergraduate minor
Urban Studies: undergraduate minor
Women's and Gender Studies: undergraduate minor
Writing: undergraduate minor

College of Business

Accountancy: undergraduate minor, B.S., M.S.,
Integrated B.S./M.P.A.
Business Administration: undergraduate minor, B.S.,
M.B.A.
Business Analytics: undergraduate minor
Business Environment and Sustainability: undergraduate
minor
Business Education: B.A., B.S., B.S.Ed.
Business Information Systems: B.S.
Finance: B.S.
Financial Planning: undergraduate minor
Insurance: undergraduate minor, B.S.
International Business: undergraduate minor, B.A., B.S.
Management: B.S.
Marketing: B.S.
Organizational Leadership: undergraduate minor

College of Education

College Student Personnel Administration: M.S.
Early Childhood Education: B.S., B.S.Ed.
Educational Administration: M.S., M.S. Ed., Ed.D.,
Ph.D.
Elementary Education: B.S., B.S.Ed.
Instructional Technology and Design: M.S.
Middle Level Teacher Education: B.S., B.S.Ed.
Reading: M.S.Ed.
Special Education: B.S., B.S.Ed., M.S., M.S.Ed., Ed.D.
Teaching and Learning: M.S., Ed.D.

College of Fine Arts

Art: undergraduate minor, B.A., B.S., B.F.A, M.A.,
M.S., M.F.A.
Arts Technology: B.A., B.S., M.S.
Cinema Studies: undergraduate minor
Dance: undergraduate minor
Jazz Performance: undergraduate minor
Music: undergraduate minor, B.A., B.S., M.M.,
M.M.Ed.
Music Education: B.M.E. (see also Music: M.M.Ed.)
Music Performance: B.M.
Theatre: undergraduate minor, B.A., B.S., M.A., M.S.,
M.F.A.

Mennonite College of Nursing

Nursing: B.S.N., M.S.N., Ph.D.
Nursing Practice: D.N.P.

Admission Policies

ADMISSION APPLICATION AND PROJECTED DEADLINES

Illinois State University maintains a small college environment within a large university. We value personal attention for each and every student, and our commitment to individuals ensures that applications will be reviewed carefully by admissions representatives.

Illinois State seeks a highly-motivated, academically well-prepared, and diverse student body. Admission to the University is competitive. Applying during the preferred filing period is encouraged as the University has the right to limit enrollment due to space availability in major programs and overall student capacity. Please refer to the Admissions website for more information and detailed dates and deadlines.

All prospective new students and students wanting to return to the University after time away should apply for admission to Illinois State University at IllinoisState.edu/Apply.

Criminal Activity and Disciplinary Disclosure: Illinois State University is committed to maintaining a safe and positive environment for all members of the University community. Therefore, at the time of application, applicants will be required to disclose information regarding criminal background. In addition, applicants must report misconduct that resulted in disciplinary separation from a previous school or university. These cases will be reviewed by the University prior to an admission decision being made. Such disclosure does not automatically disqualify an applicant. For additional information, please contact the Office of Admissions.

VISIT AND CONTACT INFORMATION

The Office of Admissions encourages students and families to visit campus. Daily Campus Visits, Transfer Student Visits, Open Houses and appointments with an Admission Counselor are available. For more information or to make a visit reservation, visit the Office of Admissions website or contact the Admissions Office.

Address:

Illinois State University
Office of Admissions, 201 Hovey Hall
Campus Box 2200
Normal, IL 61790-2200

Phone: (309) 438-2181

Toll free: (800) 366-2478

Websites: Admissions.IllinoisState.edu
IllinoisState.edu/Apply
IllinoisState.edu/Visit

Email: Admissions@IllinoisState.edu

STUDENT CLASSIFICATIONS

Beginning Freshman: The following will classify a student as a new beginning freshman:

1. A person who has never attended any college or university since graduating from high school. Students earning college hours while in high school will be classified as a new beginning freshman.
2. A person who enrolls at any college or university during the summer term between high school graduation and the subsequent fall term at Illinois State University will be classified as a beginning freshman.
3. A person who graduates early from high school, attends a college or university during the spring term, and begins at Illinois State the following fall will be considered a beginning freshman if the high school transcript posts the graduation date as May or June.

Transfer Student: The following will classify a student as a transfer student:

1. A person who has enrolled at any college or university, after graduating from high school, whether or not any work was completed. (Except for students who classify as Beginning Freshman under number 2 and 3 under the Beginning Freshman section.)
2. A person who graduates early from high school and attends a college or university during the spring term and begins at Illinois State the following fall will be considered a transfer student if the high school transcript posts the graduation date as December or January.

Former Illinois State Student/Readmit: A person who wishes to return to Illinois State after one or more semesters away from campus.

Visiting Student/Unclassified Undergraduate: A person who does not have a bachelor degree and desires to take classes at the University without working toward a degree.

International Student: A person who is neither a United States citizen nor a United States permanent resident.

Undocumented Student: A person who lives in the United States with no documentation stating U.S. citizenship or legal residency.

ADMISSION GUIDELINES

The following sections outline the admissions guidelines for the admission categories previously listed. Please note that catalog year does not govern admission requirements to the University or to an individual's specific major. These requirements can change every year based upon the competitiveness of the applicant pool and the space availability at the University and in each major program. Only graduation requirements are governed by catalog year.

PROGRAM SPECIFIC ADMISSION CRITERIA

Illinois State University regulates admission to designated programs when the number of students seeking admission exceeds the available educational resources of the department or school. Supplemental selection criteria for admission may need to be met for specific majors.

FRESHMAN ADMISSION

Illinois State considers the following when making an admission decision:

- Grade point average
- ACT/SAT scores and subscores
- Academic Personal Statement (optional): Please visit Admissions.IllinoisState.edu for additional information.

Applicants must also show successful completion of the following:

- English – 4 years
- Mathematics – 3 years of high school math: traditional (algebra, geometry, algebra II), or integrated math 1, 2, and 3
- Natural science – 2 years with laboratories
- Social science – 2 years
- *Foreign language or fine arts – 2 years of one foreign language or 2 years of fine arts
- Electives – 2 years

***NOTE:** All students in the College of Arts and Sciences must satisfy a foreign language graduation requirement that may be met by: 3 years of the same foreign language in high school or completion of the second semester or higher of college-level foreign language with a passing grade or equivalent proficiency as determined by examination. Students who have completed one semester of college foreign language credit may elect to satisfy this requirement by studying abroad in an approved program in a non-English speaking country. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

General Equivalency Diploma in Lieu of High School Diploma

Applicants who use general equivalency diploma (GED) test results in lieu of a high school diploma are required to submit GED test results reflecting the standard of 150 on four tests and a total score of 600 or better. Applicants must also submit ACT or SAT test scores.

FINALIZING ADMISSION

- Admission decisions are conditional until high school graduation and academic preparation is verified on final transcripts. Admission may be revoked if satisfactory completion of minimum course specific requirements and graduation are not confirmed by the high school transcript.

- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

TRANSFER ADMISSION

Illinois State considers the following when making admission decisions:

- Cumulative college grade point average and, for some academic programs, prerequisite college coursework. For these requirements, visit the following website: IllinoisState.edu/transferprogramrequirements.
- Good academic standing from last school attended.
- If fewer than 24 college semester hours completed at the time of application, high school courses, high school grade point average, and ACT/SAT scores.
- Proof of high school graduation or a passing score on GED exam, if requested.
- Optional: an academic personal statement explaining circumstances that affected collegiate academic performance.
- **Illinois State requires all students to have a declared major upon completion of 75 hours.** Due to this policy, transfer students are encouraged to apply to a major program of study. Transfer students with a high amount of transfer credit will be carefully reviewed and evaluated on a case by case basis for admissibility to the University and to their intended major.

Illinois State generally uses all grades shown on all college transcripts to determine an admission grade point average. However, for repeated courses, only the last repeated grade will be used in calculating the grade point average for admission. Remedial (non-credit) course work is not used in calculating the admission GPA.

FINALIZING ADMISSION

- Admission decisions are conditional until final transcripts are received and satisfactory completion of courses is confirmed. Admission may be revoked if this information is not verified by the final official transcript(s).
- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

Transferability of Course Credit

- After admission to Illinois State, the Office of the University Registrar will determine how much transfer credit will be given, and how it may be used to fulfill Illinois State's curricular requirements. Transfer credit from community colleges is limited to 70 semester hours; credit from four-year colleges and universities is limited to 90 semester hours. Additional credit for military service may be considered.
- Students who have completed an A.A. from any regionally accredited post secondary institution or the Illinois Articulation Initiative General Education Core Curriculum (IAI GECC) at an accredited, participating Illinois college or university, will be considered to have

met the Illinois State University General Education requirements.

- Students who have completed an A.S. from an accredited, participating Illinois college or university, must complete the IAI GECC either as part of their A.S. degree or by completing the GECC at ISU or by transfer credit. All distribution requirements of each GECC category must be followed; that is, both a humanities and a fine arts course must be completed and at least two different disciplines must be represented in Social and Behavioral Sciences.
- Students who have completed an A.S. from any regionally accredited post-secondary institution outside the state of Illinois will be considered to have met the Illinois State University General Education requirements.
- Students completing an A.A. or A.S. will also have junior class standing. Illinois State University accepts the AAT degree as a baccalaureate-oriented degree when the AAT degree includes the IAI transferable core. For more information regarding the IAI GECC visit iTransfer.org.
- Transfer students who transfer credit from participating Illinois colleges or universities that satisfies some but not all requirements of the IAI GECC may satisfy Illinois State General Education requirements by completing requirements for the IAI GECC at Illinois State or by completing the University's own General Education program. Other students must complete Illinois State's General Education program.
- Illinois State generally accepts transfer courses with earned grades of D. However, certain courses in some major programs may require a grade of C or better. When a student who pursues one of these majors transfers D grade course credit that is equated to an Illinois State course requiring a grade of C or better, the student will have to repeat the course to satisfy the major program requirements.

SECOND BACHELOR'S DEGREE

A student who has already received one bachelor's degree from Illinois State University or from another regionally accredited college or university, may receive a second bachelor's degree at Illinois State University upon completion of degree requirements. Students must meet the admission requirements for the major selected and meet appropriate deadlines.

Second bachelor degree seeking students are required to fulfill degree requirements as listed in the catalog at the time of admission to the second bachelor degree program. The program of studies completed for the second degree must include at least 32 semester hours of course work taken after the granting of the first degree, of which 30 hours must be taken in residence at Illinois State. At least 24 of the 32 hours completed toward the second degree must be at senior college-level (courses numbered 200 and above).

FORMER ILLINOIS STATE STUDENTS SEEKING READMISSION

Students who have been absent from the University for one or more semesters must apply for readmission. Early application is encouraged as it may not be possible to offer readmission for the term requested due to space limitations. Readmitted students should consult the section on Undergraduate Catalog Requirements to determine which catalog should be used to determine graduation requirements.

Illinois State considers the following when making decisions on readmission:

- Students must have left Illinois State University in good academic standing.
- If coursework is completed since leaving Illinois State, a minimum 2.00 GPA is required for all college coursework completed and good academic standing must be shown from the last institution attended. Please note that many majors require higher GPA standards and prerequisite college coursework for admission. Visit Admissions.IllinoisState.edu/Returning to view the admission requirements for specific majors.
- If on probation or dismissed, students may be considered for reinstatement or for the New Start readmission program. Supplemental information may be requested to determine eligibility.
Visit Admissions.IllinoisState.edu/Returning to learn more about these readmission options.
- If dismissed for disciplinary reasons, students should contact the Office of Student Conduct and Conflict Resolution for disciplinary clearance. Readmission cannot be considered until clearance is given.

New Start Policy: Students who leave Illinois State in a degree program with less than a 2.00 cumulative grade-point average (GPA) may be considered for readmission through the New Start Policy. Applicants admitted through this policy will begin with a new cumulative GPA calculated from the point of their reentry.

Students may be considered for readmission through the New Start Policy after being away from the University for one full year (Example: A student who last attended the University the Fall 2014 term cannot reenroll through the New Start Policy until the Spring 2016 term.) and only when the requirements of one of the following New Start categories are met: Nontraditional Student, Veteran, or Community College Transfer. These categories are described in detail in the Academic Policies and Practices section under the heading "Additional Academic Requirements" in this catalog and at Admissions.IllinoisState.edu/Returning.

Students may exercise New Start only once. Such students will have "New Start" indicated on their transcript. New Start will affect only the cumulative GPA. All grades earned at Illinois State, regardless of when earned, will be

used in the calculation of the major GPA, the minor GPA, and graduation honors. Students who are admitted through the New Start Policy will be admitted on academic probation and be required to participate in Project Success. (See the Academic Policies and Practices section for further information). Students who reenter under the New Start Policy must follow the *Undergraduate Catalog* in effect at the time of reentry. To be eligible for graduation, a student must earn at least 30 semester hours at Illinois State University after exercising New Start.

VISITING STUDENT/UNCLASSIFIED ADMISSION

Individuals desiring to take a class or classes at Illinois State as a visitor without working toward a specific degree at Illinois State may be admitted as unclassified students. Applicants may be required to provide evidence showing prerequisite background for the course(s) desired. Unclassified students must maintain the same standard of performance as degree-seeking students. Unclassified students who wish to become candidates for a degree at some later time must apply for admission as a degree seeking student and must meet published requirements for admission into the desired program. Students who hold a baccalaureate degree from a regionally accredited college or university are not eligible for the unclassified undergraduate status. They must apply as a visiting student.

Adult Learner Program: All persons 25 years of age or older prior to the first day of class for any given semester may be considered for admission as an Adult Learner. Admission as an Adult Learner is an unclassified/non-degree seeking student status. Freshmen may be admitted without presenting ACT or SAT scores and without proof of high school diploma and/or GED. Transfer students may be admitted without submitting transcripts from schools previously attended if they have not been in attendance at a college or university two years prior to the semester for which they have applied. If attendance has been within two years, students must submit transcripts indicating a cumulative grade point average of 2.00 on a 4.00 scale and be in good standing at the last school attended. Adult Learners who, at some later time, wish to become candidates for a degree must complete a minimum of 12 semester hours at Illinois State, apply for admission as a degree seeking student, and meet university admission requirements for the desired program.

INTERNATIONAL STUDENT ADMISSION

Illinois State considers the following when making an admission decision:

Freshman Admission:

- Grade point average
- English proficiency or ACT/SAT score

Applicants must also earn the equivalent of a U.S. high school diploma from a recognized internal institution of secondary or high school level, or will do so prior to enrollment.

Transfer Admission:

- Cumulative college grade point average, and for some academic programs, prerequisite college coursework; for these requirements, visit the following website: IllinoisState.edu/transferprogramrequirements
- Good academic standing from last school attended
- If fewer than 24 college semester hours are completed at the time of application, high school grade point average
- English proficiency

Illinois State requires all students to have a declared major upon completion of 75 hours. Due to this policy, transfer students are encouraged to apply to a major program of study. Transfer students with a high amount of transfer credit will be carefully reviewed and evaluated on a case by case basis for admissibility to the University and to their intended major.

Upon receipt of all necessary materials, the Office of Admissions will review the application file for an admission decision. Students who are admitted will be sent a Certificate of Eligibility (I-20) for Non-immigrant (F-1) student status with the notification of acceptance.

Eligibility:

International students must:

- Earn a total score of 79 on the internet based test (iBT) Test of English as a Foreign Language (TOEFL), a 550 on the paper based TOEFL or total score of 6.5 on the International English Language Testing (IELTS) assessment. International freshman students may substitute the ACT or SAT for the English proficiency exam. International transfer students may have the English proficiency exam requirement waived if they've acquired 60 semester hours while attending a college or university located in the U.S. and have been residing in the U.S. for at least one year at the time of admission.
- Submit a declaration of finances showing source of support and official documentation of funds available for the first year's expenses. Financial proof is required for all students seeking F-1 status.

International applicants who meet all other academic criteria for admission but whose scores do not meet the minimum standards for English proficiency may be admitted to a degree program. In such cases, students will be required to attend courses at the English Language Institute (ELI) at their own expense and remain in the program until their English proficiency has improved to a level required for University enrollment.

Finalizing Admission:

- Admission decisions are conditional until final transcripts and other supporting documents are received.
- Withholding information or giving false information to the University may make a student ineligible for admission to the University or subject to dismissal.

SPECIAL ADMISSION PROGRAMS

The University may admit a limited number of applicants who show the potential for success in collegiate work but who do not meet all the regular admission standards. The special admissions programs are as follows:

Adult Learner Program: All persons 25 years of age or older prior to the first day of class for any given semester may be considered for admission as an Adult Learner. See the Visiting Student/Unclassified area of the Admission Policies section.

Concurrent Admissions Program (ConAp) for Army Enlistees: Concurrent Admission Program (ConAp) is a partnership between participating colleges and universities, the Army Recruiting Command, and Servicemembers Opportunity Colleges (SOC). This program allows individuals enlisting in the Army or Army Reserve to declare their intent to enroll at a college or university at the time of their enlistment. Admission is deferred until completion of their active duty service. Individuals must meet admission requirements in effect at the time of their enrollment. In addition, a DD214 showing honorable discharge is required.

Dual Enrollment Program: Offers qualified high school students an opportunity to take college-level classes. Dual Enrollment students are evaluated on a case-by-case basis. If admitted, they are given unclassified student status. They cannot be full-time students while still in high school and must take classes offered on campus.

Talent Program: Applicants who demonstrate an outstanding talent in art, music, theatre, dance, forensics, or athletics.

Veterans Program: Applicants who were Illinois residents at the time of entrance into the Armed Forces, who present a discharge for other than dishonorable reasons showing completion of at least a one-year active tour of duty in the Armed Forces, and whose first attendance at a college or university after discharge is at Illinois State can be considered for admission through this program.

Inquiries regarding these programs should be directed to the Office of Admissions, 201 Hovey Hall, Illinois State University, Campus Box 2200, Normal, IL 61790-2200, (800) 366-2478 or Admissions.IllinoisState.edu and should specify the particular program of interest.

IMMUNIZATION AND MEDICAL REQUIREMENTS FOR ALL STUDENTS

All students admitted to Illinois State University are required, by Public Act 85-1315 to provide proof of immunity for tetanus, diphtheria, measles, mumps, and rubella. Documentation of immunity should be complete and on file in the Student Health Services by August 1 (incoming fall) and July 1 (incoming summer) and January 1 (incoming spring) students.

Proof of immunity must include a tetanus/diphtheria booster within ten years of attendance at Illinois State; two measles immunizations, both after one year of age and after December 31, 1968; one mumps immunization after one year of age and after December 31, 1967; one rubella immunization after one year of age and after December 31, 1968. All immunization dates must be signed/certified by a physician or public health official.

Please note that a physical examination is not required. International students are required by University regulations to have TB screening within ten days of their arrival on campus. The Student Health Services strongly recommends that all students have immunization against Hepatitis B (a series of three injections), bacterial meningitis, and a second immunization against mumps.

Information and further instructions for meeting the stated requirements will be provided via future communication from Student Health Services for all incoming students. Student Health Services recommends completion of the immunization information as soon as possible. Students not in compliance with the immunization requirements by the 10th class of the first semester will have subsequent semester registrations blocked and be assessed an administrative non-compliance fee.

Further information can be obtained by calling Student Health Services at (309) 438-7559 or by visiting the website at HealthServices.IllinoisState.edu.

Financial Aid

Students who attend the University receive financial aid in the form of loans, scholarships, tuition waivers, grants and employment. In addition to funds received through gift aid and loans, many Illinois State students seek employment to help cover expenses.

Students interested in applying for financial assistance may contact the Financial Aid Office.

FINANCIAL AID OFFICE

231 Fell Hall, (309) 438-2231
FinancialAid.IllinoisState.edu
Email: FinancialAid@IllinoisState.edu
Website: FinancialAid.IllinoisState.edu

All students are encouraged to apply for financial aid by completing the Free Application for Federal Student Aid (FAFSA). This application determines eligibility for state, federal and institutional financial aid, including student loans.

General Information

Financial aid counselors are available Monday through Friday from 8 a.m. to 4:30 p.m. for telephone and walk-in service when the University is open. In addition, you may access information on the Financial Aid Office website at FinancialAid.IllinoisState.edu. Information on the website includes:

20 University Policies

- Office hours, phone number and location; information concerning the application process, cost of attendance and aid programs available to students;
- FAFSA on the Web, which allows you to file the Free Application for Federal Student Aid electronically;
- Financial Aid forms and worksheets available to download;
- Scholarship searches;
- Important dates for your calendar;
- A link to the portal so that you can check the status and progress of your aid application;
- Entrance and Exit Loan Counseling;
- The Student Guide - financial aid information from the U. S. Department of Education;
- Commonly asked questions and answers.

Institutional and Financial Assistance Information for Students

The law (the Higher Education Act of 1965, as amended, and regulation 34 CFR 668) requires Illinois State University to notify enrolled students and the parents of dependent enrolled students annually of the availability of the following information:

- your rights under the Family Education Rights and Privacy Act;
- your right to a deferment of repayment of your Federal Direct Loan for Peace Corps or volunteer service;
- financial aid available at Illinois State University;
- information about Illinois State University;
- the graduation rate of degree-seeking, full-time undergraduate students at Illinois State University;
- an annual campus security report; and,
- a report on athletic program participation and financial support data.

General Eligibility Criteria

To qualify for federal or state financial aid programs, you must:

1. be a United States citizen or have resident alien status;
2. complete and submit the Free Application for Federal Student Aid (FAFSA) to the federal processor either on paper or on line;
3. be enrolled for a minimum of 6 hours (half-time status) per semester (Students not pursuing a degree or unclassified students are not eligible for financial aid, including loans.); not be in default on a Perkins Loan or any federally guaranteed loan;
4. not owe a repayment to a federal grant program;
5. make satisfactory progress toward a degree as defined by Illinois State University (See Satisfactory Academic Progress); and
6. be registered with Selective Service, if you are a male at least 18 years of age, born after 1959, and not currently an active member of the U.S. Armed Forces.

NOTE: A student may not receive federal or state financial aid from more than one institution at the same time.

APPLICATION PROCEDURES

To be considered for financial aid at Illinois State University, you must complete and submit the Free Application for Federal Student Aid (FAFSA), or the Renewal FAFSA, based on the following time table:

In **November** - Renewal aid applicants will be sent an e-mail notification for FAFSA on the Web if they provided a valid e-mail address on the current year's FAFSA.

In **January or February** - Complete the FAFSA on the website www.fafsa.ed.gov using your PIN. If you do not already have a PIN, you can apply for one by going to the website www.pin.ed.gov.

The priority FAFSA filing date for Illinois State University is **March 1, each year**. The federal processor must receive your application by this date to insure your application receives full consideration for all financial aid programs. If your FAFSA is received after March 1, you will be considered for financial aid programs for which you are eligible and that have remaining funds.

If you or your parents (if you are a dependent student) have not completed your federal tax return by March 1, you can still apply on time by indicating on the FAFSA that you will file but have not yet completed your tax return.

In **March or April** - After you receive your Student Aid Report, you must review it for accuracy. You can then make any necessary corrections based on your and/or your parents' tax return information.

The income and asset information provided on the FAFSA determines your financial aid eligibility. Be sure to use Illinois State's Title IV school code: 001692. There is no separate institutional application for financial aid at Illinois State. You will need to submit an additional application for summer aid (see Financial Aid for Summer Session).

Financial Aid for the Summer Session: If you are enrolled for at least six hours of coursework, you may apply for financial aid. The application form for the Summer Session will be available in the Forms and Publications section of the FinancialAid.IllinoisState.edu website in early March.

Data from your FAFSA will be used to determine your eligibility for aid for the summer session. Aid funds for the summer session are very limited. Direct Loan funds are available only if you have remaining loan eligibility for your class level.

Institutional Quality Assurance Program (IQAP): Illinois State University is a participant in the U.S. Department of Education's Institutional Quality Assurance Program. It is important that you keep copies of federal tax returns and W2s, including those of your parents if you apply as a dependent student, because Department of

Education regulations require the Financial Aid Office to verify the accuracy of financial data for selected aid applicants. If your application is selected for review under this program, you will be notified in writing and asked to provide the above documents. It is important that you respond within the specified time frame. Otherwise, processing of your financial aid, including loans, may be delayed.

TYPES OF AID AVAILABLE

For additional information on the types of Financial Aid listed, please visit the Financial Aid Office website FinancialAid.IllinoisState.edu.

FEDERAL GRANTS AND BENEFITS

Federal grants and benefits are considered "gift aid," and do not need to be repaid. Grants commonly received by Illinois State students are:

- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant (FSEOG)
- Survivors' and Dependents' Educational Assistance Program
- Veterans' G.I. Bill
- Federal Teach Grant

ILLINOIS STATE UNIVERSITY GRANTS

- Student-to-Student Grant
- ISU Access Grant:

STATE SCHOLARSHIPS AND GRANTS

- MIA-POW Scholarship
- University Employee Dependent Partial Tuition Waiver

You and/or your parents must meet residency requirements based on regulations from **the Illinois Student Assistance Commission (ISAC)** to be eligible for the following programs.

- Monetary Award Program (ISAC MAP Grant)
- State of Illinois ROTC Scholarship

Consult the Illinois Student Assistance Commission website, www.collegeillinois.org, or call 1-800-899-ISAC (4722) to obtain additional information about the following scholarships, including how to apply and application deadlines.

- Illinois National Guard Grant
- Illinois Veteran Grant (IVG)
- Merit Recognition Scholarship (MRS)
- Illinois Special Education Teacher Tuition Waiver (SETTW)
- Minority Teachers of Illinois Scholarship

PRIVATE SCHOLARSHIPS

Many students utilize private scholarships to supplement their financial aid award package. You may also contact clubs, foundations, organizations, corporations and churches from your hometown for scholarships. The scholarship donor determines the eligibility criteria. You are encouraged to use the Illinois State University Scholarship page on the Financial Aid Office home page at FinancialAid.IllinoisState.edu. Avoid search services or "consultants" who charge a fee and/or promise positive results.

ILLINOIS STATE UNIVERSITY MERIT-BASED SCHOLARSHIPS

Merit-based scholarships are awarded to new beginning freshmen and transfer students. In order to be considered for a merit-based scholarship as a new student, applicants must be admitted to the University.

For more information about merit-based scholarships for new students, please contact the Office of Admissions by telephone at (800) 366-2478 or visit the Office of Admissions website at Admissions.IllinoisState.edu. In addition, the Scholarship Resource Office, housed within the Financial Aid Office, will assist students in their search for private or institutional scholarship dollars. Contact the Scholarship Resource Office by telephone at (309) 438-2740 or visit their website at FinancialAid.IllinoisState.edu/scholarships.

Academic and Non-Academic Scholarship Programs: Some academic departments and various University organizations and non-academic departments offer scholarships to new and continuing students based on academic accomplishments. You can explore the availability of these scholarships by visiting the Financial Aid Office website at IllinoisState.edu/Scholarships. The ScholarshipFinder is a searchable database which contains information on institutional scholarships.

LOANS

Federal Direct Student Loan Program: You must complete the Free Application for Federal Student Aid (FAFSA) to receive a loan. The Financial Aid Office will determine your eligibility for all other aid programs prior to processing your loan. Because Illinois State is a participant in the Federal Direct Loan program, a loan application from a bank or other lender is not required.

There are two kinds of direct loans: subsidized and unsubsidized. If you are eligible for the subsidized loan based on financial need, the interest on the loan is paid for you as long as you are enrolled half-time (a minimum of 6 hours per semester). The unsubsidized loan is not based on financial need and requires that you make quarterly interest payments on the loan while you are enrolled. If you choose to defer payments while you are in school, the interest will be added to the principal of your loan (capitalized).

After your loan is processed, you will receive an award letter and information on completing an electronic Master Promissory Note (EMPN), if you have not already done so. Read the information carefully. Before loan proceeds will be credited to your account, the EMPN and loan counseling (see below) must be completed.

Because of its participation in the Direct Loan program, Illinois State receives loan proceeds directly from the U.S. Department of Education. Your loan proceeds will be applied to your university charges.

Loan Counseling: Students who are first-time Direct Loan borrowers are required to attend Federal Direct Loan entrance loan counseling before loan proceeds are credited to the student's account. You may meet this requirement by completing loan entrance counseling on the website FinancialAid.IllinoisState.edu.

If you attended entrance counseling at another school, you must sign a statement verifying that you previously met the requirement. The purpose of entrance counseling is to inform you of your responsibilities and rights as a borrower.

Exit Information: Before you graduate, or if your enrollment status drops below 6 hours per semester, you will be sent information concerning Direct Loan exit counseling, which outlines loan repayment, consolidation, and deferment options. You may also get this information from the Exit Counseling link from the Financial Aid Office website, FinancialAid.IllinoisState.edu. Repayment of your Direct Loan begins six months after you leave the University or drop below half-time status.

Federal Perkins Loan: The Federal Perkins Loan program is for students enrolled at least half-time in a degree program and gives priority to those students with exceptional financial need. For new borrowers after July 1, 1987, repayment and interest begins nine months after the student graduates, leaves school, or drops below half-time. The cumulative loan limit is \$20,000 for undergraduates and \$30,000 for graduate students. The interest rate is five percent. These funds are awarded on a first-come basis to qualified applicants.

Nursing Student Loan: Students enrolled at least half-time in the Nursing Program and who demonstrate need by filling the FAFSA are eligible for a Nursing Student Loan. The cumulative loan limit is \$13,000 and repayment begins nine months after the student ceases to be enrolled at least half-time. Interest during repayment includes 5 percent interest and the maximum repayment period is ten (10) years.

Federal Direct PLUS Loan: Parents of dependent students may apply for the Parent Loan for Undergraduate Students (PLUS). To apply for a PLUS loan the parent borrower must go to the StudentLoan.gov website and follow the directions for applying for a PLUS loan. The parent borrower must complete and sign a Direct PLUS Master Promissory Note.

The PLUS loan application process is completely electronic - a credit check will be conducted at the time of on-

line application, and results will be communicated to the parent and the school during this application process. If the loan is denied due to adverse credit, the parent will be given options for obtaining an endorser. A parent may borrow up to the cost of attendance less any other financial aid the student is receiving. In order to determine eligibility, parents must file the Free Application for Federal Student Aid (FAFSA).

“Alternative” Loans: Alternative or private loans are for students and parents who are not eligible for the federal programs of financial aid, or who need additional funds to meet educational expenses. In order to determine eligibility, students/parents must file the Free Application for Federal Student Aid (FAFSA). If you have any questions about your eligibility for financial aid to attend Illinois State, contact your financial aid counselor.

FINANCIAL AID DISBURSEMENT

If the amount of financial aid exceeds charges, you will receive a refund of the balance. Refund checks are mailed from the Student Accounts Office throughout the academic year for aid in excess of amounts owed the University. Students are encouraged to sign up for direct deposit through Student Accounts in My.IllinoisState.edu. You should be prepared to buy books and have “start up” funds for the beginning of the semester.

It is important to keep your local and permanent address information current with the Office of the University Registrar. University offices use this information to contact you. (For example, the Student Accounts Office will use your local address to send a refund check to you.) If there is no local address on file with the Registrar, correspondence will be sent to your permanent home address.

You may update your address in person at the Office of the University Registrar Service Center, 107 Moulton Hall, or by accessing My.IllinoisState.edu.

SATISFACTORY ACADEMIC PROGRESS

All students who receive federal and state financial aid must meet federal and institutional standards for satisfactory academic progress in order to establish and retain aid eligibility. Students receiving athletic or other University-administered awards must also meet the satisfactory academic progress standards that have been established by the awarding entity.

Satisfactory academic progress for federal and state financial aid programs is based on three measures: cumulative grade-point average, completion rate based on credit hours completed compared to attempted, and a maximum timeframe for degree completion. The following describes the University's standards for each of these three measures, and when these standards are reviewed:

Cumulative Grade-Point Average (GPA): Undergraduate students must maintain a minimum cumulative GPA of 2.0 based on credits earned at Illinois State University. The first time a student's GPA is below 2.0, the

student is placed on Academic Probation and Financial Aid Warning and continues to be eligible to receive financial aid. If the student does not raise the GPA to 2.0 in the following semester of attendance, or the GPA falls below 2.0 in a subsequent semester, the student is Academically Dismissed and loses financial aid eligibility.

Completion Rate: All students are required to complete a minimum of sixty-seven percent (67%) of the credit hours attempted at Illinois State University. Courses with a grade of “D” or higher, as well as “CR” or “P”, count as completed. Credit hours attempted (but not earned) include audits, incompletes, withdrawals, and repeated or failed classes.

A student who does not complete a minimum of sixty-seven percent (67%) of credit hours attempted will be suspended from financial aid eligibility until his or her completion rate improves to at least sixty-seven percent (67%). The completion rate for students readmitted to the University under the New Start program is calculated beginning with the credit hours attempted/completed during the term for which the student was readmitted. Transfer student completion rate is calculated by counting transferred hours as hours attempted and completed. Only hours attempted and not completed at Illinois State University are counted in the formula.

Maximum Time Frame: The maximum timeframe for the completion of a degree is limited by federal regulations to 150% of the published length of the degree program. This is equivalent to a maximum number of credit hours that includes transfer credits and all attempted credit hours at Illinois State University. Credit hours attempted includes completed credits, audits, incompletes, withdrawals, and repeated or failed classes. The maximum number of credits allowed for a subsequent degree program at ISU excludes the credits from any previous degree(s) earned at ISU.

The maximum number of credit hours for which a student is eligible to receive financial aid is 180. The maximum number of credit hours for which a student pursuing a second undergraduate degree is eligible to receive financial aid is 90. Hours transferred to Illinois State University are counted as hours earned.

Review of Progress Standards: Cumulative GPA is reviewed at the end of each period of enrollment, fall semester, spring semester, and the summer session, for both financial aid eligibility and for continued enrollment at Illinois State University.

Completion rate is reviewed upon submission of a financial aid application (the FAFSA), and at the end of each period of enrollment, including the summer session. The Financial Aid Office sends a “warning letter” to any aid recipient who has not completed 67% of hours attempted. If an aid recipient does not meet the 67% standard at the end of any subsequent term, the student will be placed in violation and aid will be suspended.

Maximum timeframe is reviewed upon submission of a financial aid application (the FAFSA), and at the end of each enrollment period, including the summer session. The

Financial Aid Office sends a “warning letter” to any aid recipient who is within 15 hours of reaching the maximum attempted hour for his or degree program.

Notification/Appeals: If financial aid eligibility is suspended as a result of failure to meet the completion rate or maximum timeframe standard, the Financial Aid Office sends a letter to the student including a Satisfactory Academic Progress Appeal Form.

The Satisfactory Academic Progress Appeal Form must include reasons for failure to achieve good academic standing and any applicable documentation, including a plan of study. Appeal Forms must be submitted to the Financial Aid Office and are reviewed by the Reinstatement Committee. For the Completion Rate standard, students can also restore aid eligibility by earning enough additional hours to meet the 67% requirement.

If the student is not meeting the GPA standard, University College first sends the student a “warning” letter. If the student fails to meet the GPA standard a second time, University College sends the student a dismissal letter, including instructions for writing and submitting a petition for reinstatement. The petition must be submitted to University College by the date stated on the dismissal letter.

ENROLLMENT CHANGES AND FINANCIAL AID ELIGIBILITY

Reduction in Hours: Reducing your credit hours has implications for both your aid eligibility for the current semester and future terms. Your aid eligibility is based on the number of credit hours for which you are enrolled on census day, usually the Friday of the second week of classes. If your aid was distributed based on full-time enrollment (12 credits undergraduate; 9 credits graduate) and you drop to part-time on or before census day, your aid may be reduced. If you drop after the day withdrawal grades are assigned, the withdrawal grades will reduce your percentage completion rate, which is part of the standards of Satisfactory Academic Progress for the receipt of financial aid. These standards are posted on the financial aid website FinancialAid.IllinoisState.edu.

Withdrawal: Federal regulations state that financial aid is earned by attending class. You have not earned 100 percent of your financial aid until you have attended 60 percent of the term. If you withdraw before this date, a portion of your financial aid has not been earned. The unearned portion is equal to the percentage of the term remaining on the date of withdrawal. Your financial aid eligibility will be recalculated based on your actual period of attendance - **you may be asked to repay a portion of the aid that had been distributed to you.**

Failure to Earn Credit: If you fail to earn credit for any of your classes (receive grades of F, W, I and/or NC), federal regulations require the Financial Aid Office to assume you stopped attending your classes. In order to retain any of your financial aid, you must provide proof that you attended classes. If you did stop attending class,

you are treated as an unofficial withdrawal. This means that the midpoint of the term is used as your last date of attendance and your aid eligibility is reduced by up to 50 percent. **This will result in you owing funds back to the university unless you can provide documentation of attendance past the 60 percent point of the term.**

CONFIDENTIALITY AND THE RELEASE OF INFORMATION

The Financial Aid Office will release information from your financial aid application file to parties within the University if their inquiry is related to your attendance at Illinois State. Inquiries from off-campus agencies and/or landlords will be answered by Financial Aid Office staff only if you have completed and signed a "Consent to Release Information" form from the Financial Aid Office. To protect the confidentiality of your records, the Financial Aid Office will require proper identification from the requesting party before releasing any of your information. Appropriate documentation of any release of information will be placed in your financial aid file.

STUDENT EMPLOYMENT

Students enrolled for six or more semester hours may work part-time at Illinois State University. Eligible student employees usually work 10 to 15 hours per week while classes are in session. Students working at Illinois State University earn a minimum of \$8.25 per hour. This pay rate is subject to change by action of the federal government, the state, or the institution.

Federal Work-Study Program: This federally sponsored program enables students with demonstrated financial need to earn a portion of their expenses while they are enrolled at Illinois State. To be initially awarded Federal Work-Study the applicant must indicate an interest in "work-study" on the FAFSA and demonstrate need. The federal government pays 70 percent of a Work-Study student's earnings, while the employer pays the balance. A student employed 10-15 hours per week can expect to earn between \$2,000 and \$2,500 a year. Work-Study students find work on-campus (food service, library, Bone Student Center, departmental offices) or in nonprofit, off-campus agencies (hospitals, youth centers, charitable agencies and libraries). Another Federal Work-Study program is the "America Reads" initiative in which students are employed as reading tutors in local elementary schools.

Students go directly to the employer for an interview and, if hired, must complete state and federal withholding tax forms in the Payroll Office, 100 S. Fell Ave, 239 Uptown Crossing, Suite E. The student is not permitted to earn more than the Work-Study eligibility determined by federal regulations.

Regular Student Employment: Those students who desire to work on or off campus may seek part-time employment with the University or off campus. These jobs generally pay the minimum wage. Hours vary, and may be less flexible than Federal Work-Study positions.

Finding a Job: Both Federal Work Study and regular student employment part-time job openings are accessible through student employment at IllinoisState.edu/jobs. The Career Center, located in the Student Services Building, room 185, can offer assistance with off-campus part-time job searches. Call (309) 438-2200 for more information.

VETERANS AND MILITARY SERVICES

112 Moulton Hall, (309) 438-2207
veterans.illinoisstate.edu

The office of Veterans and Military Services advises student-veterans and certain dependents (spouse and/or children of veterans) on matters relating to Department of Veterans Affairs educational benefits and payments. For more information, visit the Veterans and Military Services website Veterans.IllinoisState.edu.

TUITION AND FEES

Tuition, fees, and on-campus housing charges are determined by action of the Board of Trustees on a yearly basis. For the most up to date rates and information, please refer to the Student Accounts website at: StudentAccounts.IllinoisState.edu.

Tuition and fees other than health insurance are assessed at a per semester hour rate. Health insurance is assessed to all students enrolled for nine or more semester hours. Upon being first enrolled in a degree program at Illinois State University, tuition and general fee rates for undergraduate students will be locked for a four-year period. Certain degree programs qualify for the locked rate to be extended beyond the four-year period. Tuition and fees are subject to change by action of the Board of Trustees and the General Assembly. For additional information, refer to the Student Accounts website at StudentAccounts.IllinoisState.edu.

Summer Session Costs: The summer session costs for tuition and fees are assessed at a per semester hour rate. Students enrolled for six or more semester hours will be charged the current rate for health insurance.

Auditors: Students who take all courses as auditors without credit are charged at the current rate per semester hour for tuition only.

Materials Charges: Material charges listed under *CourseFinder* on the internet or on the My.IllinoisState.edu registration system are automatically charged to the student's account. A student may supply his or her own materials and request the instructor, in writing, to reduce the materials charge.

Residents and Non-Resident Status: An applicant or enrolled student is classified either as a resident of Illinois, a non-resident, or a foreign student. Residency for tuition purposes is different from residency for voting, taxing purposes, or residency requirements of on-campus doctoral programs.

A student must be a U.S. citizen or have been approved for U.S. Permanent Resident status in order to be considered as an Illinois resident. An individual's residency status is based on information from the admission application. A student who is not a resident of Illinois pays the non-resident tuition fee as indicated. All other fees are the same for non-residents. A student under 18 years of age is considered a non-resident if the student's parents are not legal residents of Illinois. A student over 18 years of age is considered a non-resident if the student is not a legal resident of Illinois. A student who begins as a non-resident may later qualify for resident status. Guidelines for qualifying and special circumstances may be found on the University Registrar's website Registrar.IllinoisState.edu. Personnel within the Office of the University Registrar are responsible for determining residency.

Payment of Tuition and Fees: The University offers a registration installment plan for the payment of tuition and fees for the fall and spring semesters. For those selecting that option, a registration installment fee per semester will be assessed, with approximately one-fourth due in August, September, October, and November for the fall semester, and one-fourth due in January, February, March, and April for the spring semester. The Student Accounts website gives further information and lists specific dates.

Withdrawal and Reduction of Tuition and Fees: A registered student who officially withdraws from the University may receive a reduction of tuition and fees, including any advance deposit, according to the following schedule:

1. If withdrawal is prior to the first regularly scheduled class day, tuition and fees are reduced by 100% except for insurance.
2. If withdrawal is within the first fifteen calendar days starting with the first regularly scheduled class day, tuition and fees are reduced by 100% and a service charge will be added to the student account.
3. If withdrawal is after the fifteenth calendar day, please see the current year billing information brochure at StudentAccounts.IllinoisState.edu for a current schedule.

The University may designate an abbreviated withdrawal policy for summer session, special courses, and short courses.

All notifications of withdrawal from the University must be in person with photo ID to the Registrar Service Center, 107 Moulton Hall, between 8 a.m. and 4:30 p.m., Monday through Friday, or in writing and addressed to Office of the University Registrar, Illinois State University, Campus Box 2202, Normal, IL 61790-2202, faxed to (309) 438-8652, or emailed from the student's Illinois State University email account to Registrar@IllinoisState.edu.

Changes in Schedule Policy: A student who drops a course will be charged according to the following schedule:

1. If the reduction is on or before the fifteenth calendar day after the first regularly scheduled class day, tuition and fees are reduced by 100% except for health insurance.
2. If the reduction is after the fifteenth, but no later than the thirtieth calendar day after the first regularly scheduled class day, the student will be charged 75% of tuition and 100% of fees.

The student may receive a reduction of the insurance fee if the student demonstrates equal or better insurance coverage and completes the written application on or before the fifteenth calendar day after the first regularly scheduled class day. Contact the Student Insurance office for specific information.

A student whose course of study requires absence from campus for the entire term shall, upon proper application, receive an off-campus fee reduction. The application must be made on or before the fifteenth calendar day after the first regularly scheduled class day.

Pursuant to guidelines established by the University, part or all of a student's tuition and fees may be reduced because of the student's death or disability, extreme hardship, or institutional error.

A student may receive a reduction of all tuition and fees if the University declares him or her ineligible for enrolled status prior to the first day of regularly scheduled class.

For questions regarding changes to or cancellation of housing contracts, please see the housing contract cancellation policy at housing.illinoisstate.edu/current-residents/contract-renewal/cancellation.

Students or parents who believe that individual circumstances warrant exceptions from published policy may appeal to the Associate Vice President for Student Affairs.

Housing and Dining Options

CAMPUS LIVING

University Housing Services

Office of Residential Life Building

Website: Housing.IllinoisState.edu

Phone: (309) 438-8611

Students with disabilities who need a special accommodation to reside in university residence halls or apartments are asked to contact the Director of Disability Concerns, 350 Fell Hall at (309) 438-5853.

University On Campus Housing Policy: The University regards on campus housing as an important part of university life and requires students to live in University housing their first two years out of high school.

The University may grant exemptions to move off campus for certain categories of students based on guidelines related to marital status, proximity of home to campus, and other pertinent factors. Exceptions to live on campus may also be granted for students who are not required to live on campus under the University On Campus Policy, but wish to live in the residence halls or Cardinal Court.

Additional university owned housing options include apartments at 209 and 211 North Fell Avenue, 302 North School Street and 300 Shelbourne Drive. For information about these options, the University On Campus Housing Policy, exemption or exception process, students should refer to the University Housing Services website Housing.IllinoisState.edu.

DINING ON CAMPUS

Campus Dining Services

John Green Building

Website: Dining.IllinoisState.edu

Phone: (309) 438-8351

All students living in traditional residence halls (Haynie, Hewett, Manchester, Watterson, Wilkins, and Wright) are required to purchase a meal plan. Students living in Cardinal Court have the option to purchase a meal plan. A limited number of meal plans is available each semester for students living off campus. Dining centers are open to all students, faculty, staff, and guests of the University.

Any student with a special dietary need, including a food allergy, is encouraged to contact Campus Dining Services' registered dietitian to make arrangements for this accommodation. Requests may be directed to CampusDining@IllinoisState.edu

DISABILITY CONCERNS

350 Fell Hall,

Phone: (309) 438-5853; **FAX:** (309) 438-7713

Website: DisabilityConcerns.IllinoisState.edu

Email: AbleISU@IllinoisState.edu

Disability Concerns, a unit of the Division of Student Affairs, is the office that is designated to provide reasonable accommodations for students and visitors with disabilities.

To receive accommodations at Illinois State University, the student must self-identify to the Disability Concerns office, complete a Request for Services form and provide appropriate medical/psychoeducational documentation. Upon acceptance of the documentation by the Documentation Review Committee, the case coordinator works with the student on a case-by-case basis to determine the impact of the disability and implements the appropriate accommodation(s). Disability Concerns offers a variety of accommodations to meet the needs of persons with disabilities. General examples of the types of accommodations provided are exam accommodations, sign language interpreters, notetakers, assistive technologies and materials in alternative formats.

Disability Concerns provides many accommodations through a volunteer model. This volunteer model contributes to reducing attitudinal barriers while promoting an understanding and respect for persons with disabilities. All students, faculty, staff, and alumni of the University are encouraged to volunteer their time and talents. This volunteer program offers the opportunity to obtain volunteer hours, develop experience to enhance a resume, and perhaps most importantly, develop skills that encourage and promote diversity. Persons interested in providing volunteer assistance should inquire at Disability Concerns.

STUDENT HEALTH PROGRAM

Illinois State University provides a broad spectrum of health and wellness services designed to help students attain academic success.

Health Promotion and Wellness: Provides public health-focused information, resources, and programs to help students achieve balance and form positive life habits for future success.

Student Health Services: Provides primary medical and psychiatric care, clinical laboratory testing, and digital radiology in a clinic fully accredited by the Accreditation Association for Ambulatory Health Care. Student Health also operates a full-service pharmacy that dispenses prescription medications and over-the-counter products at low prices.

The student health insurance fee provides a student health and accident insurance plan designed to meet the needs of students without other insurance or to complement other insurance. The plan has a \$50 deductible (waived if covered by other insurance), a \$1,250 out of pocket maximum, and provides world-wide coverage. The student health insurance is compliant with the Patient Protection and Affordable Care Act and meets the Federal requirement of having health insurance.

Student Counseling Services: Provides a full range of personal and emotional counseling services on a voluntary, strictly confidential basis to individuals, couples, and groups. Student Counseling is fully accredited by the International Association of Counseling Services and offers workshops and a variety of outreach programs on mental health issues.

Medical and mental health providers are professionals licensed and/or board certified in their respective fields.

For complete information concerning the above services, please consult the following websites:

Health Promotion and Wellness:
Wellness.IllinoisState.edu

Student Health Services:
HealthServices.IllinoisState.edu

Student Counseling Services:
Counseling.IllinoisState.edu

Student Health Insurance Plan:
HealthServices.IllinoisState.edu/Insurance

COMPUTER AND INFORMATION SERVICES

Administrative Technologies

Technology Support Center

Website: ITHelp.IllinoisState.edu

Phone: (309) 438-HELP

Appropriate Use Policy: The University's Appropriate Use Policy establishes the appropriate use of computing and telecommunication networks, computing equipment, and technology resources. Users must agree to abide by this policy prior to gaining access to Illinois State resources. The policy includes provisions for the observance of all copyright laws. The full text of the appropriate use policy is available at the following website: Policy.IllinoisState.edu.

Student Computer Ownership Initiative: All new students to the University are required to bring a personal computer that meets the University's published minimum hardware and software standards. For mobility and flexibility reasons, laptops are strongly recommended. No student will be prevented from attending classes based on an inability to purchase a computer. Different financial resources are available to students including adding the cost of a computer to a student's "total cost of attendance." The cost of attendance is one of the factors that determines the amount of financial aid offered. Assistance, help, specifications, and more information on the policy can be found at TechZone, Bone Student Center 2nd floor, or TechZone.IllinoisState.edu.

STUDENT CONDUCT AND CONFLICT RESOLUTION

Student Services Building, Room 120

Campus Box 2440; (309) 438-8621; Email:

StudentConductAndConflictResolution@IllinoisState.edu

Website: DeanOfStudents.IllinoisState.edu

Student Conduct and Conflict Resolution, a unit in the Dean of Students Office, coordinates the University's student conduct (social and academic conduct) and conflict resolution services. Student conduct matters are reviewed both by administrative staff and by the University Hearing Panel. Appeals are reviewed by the University Appeal Board, the Dean's Appeal Board, and administrative staff.

For students engaged in conflicts with other members of the community, conflict resolution services are also available, such as conflict coaching, restorative justice conferencing and facilitated dialogues. Mediation is available in many cases where the parties agree to attempt to develop a solution to satisfy both/all parties.

ACADEMIC DISHONESTY

Students are expected to be honest in all academic work. A student's attachment of his or her name on any academic exercise shall be regarded as assurance that the work is the result of the student's own thought, effort, and study. Violations include such behavior as:

- a. Possessing or utilizing any means of assistance (books, notes, papers, articles, third parties, etc.) to complete any assignment, quiz, or examination unless specifically authorized by the instructor. Students are prohibited from conversation or other communication in examinations except as authorized by the instructor.
- b. Acting with the intent to deceive the person in charge, such as falsifying data or sources, providing false information, etc.
- c. Plagiarizing. For the purpose of this policy, plagiarism is the unacknowledged appropriation of another's work, words, or ideas in any themes, outlines, papers, reports, speeches, computer programs, artwork, musical scores, performance, or other academic work, regardless of intent. This includes all forms of intellectual property that can be copyrighted, patented, or trademarked, whether published or unpublished. Students must ascertain from the instructor in each course the appropriate means of documentation and/or attribution.
- d. Submitting the same paper for more than one University course or academic requirement without the prior approval of the instructors. A student may only submit an assignment once during their affiliation with the University unless provided explicit permission of the instructors.
- e. Willfully giving or receiving unauthorized or unacknowledged assistance on any assignment. This may include the reproduction and/or dissemination of test materials. Both parties to such collusion are considered responsible.
- f. Substituting for another student in any academic assignment.
- g. Being involved in the unauthorized collection, distribution, advertisement, solicitation, or sale of term papers, research papers, or other academic materials completed by a third party.

In cases of group assignments, unless otherwise indicated by the instructor, all parties to the assignment are responsible for the submission of any final product, and bear responsibility for the integrity of the product. Students participating in group projects may be held responsible for the actions of other group members unless it can be established that a group member was not aware, and reasonably could not have been aware, of any material that violates University expectations.

Academic integrity expectations apply to all forums used for the collection and dissemination of knowledge, including in the classroom, written and electronic assignments, online participation, field work, and publications.

For the purpose of this policy, it should be noted that the University holds graduate students to a higher standard given the academic rigor of graduate programs and the fact that students in graduate programs are already degreed students. As such, graduate students may face more severe levels of sanctioning for academic misconduct, and may also face repercussions in their academic departments and assistantships.

For more information visit Student Conduct and Conflict Resolution at: DeanOfStudents.IllinoisState.edu/Conflic

ACADEMIC OPPORTUNITIES

ENGLISH LANGUAGE INSTITUTE

**Intensive English Program at
English Language Institute (Hudelson Building),
(309) 438-2072; Email: ELI@IllinoisState.edu; or
Website: ELI.IllinoisState.edu**

Illinois State University's English Language Institute (ELI) is an intensive English program that offers both small classes and individual attention to meet the educational needs of English language learners. ISU's ELI program uses an academic and communicative approach to language learning, a combination of teaching methods that focus on both practical learning and the special needs of adult language learners.

Although admission to ELI does not guarantee subsequent admission to a degree program at the University, ELI students who attain a satisfactory TOEFL score can be admitted to a degree program at the University, provided they also meet the other requirements for admission.

International applicants who meet all other academic criteria for admission but whose TOEFL score is less than 550 (paper-based) or 79 (iBT) may be admitted to a degree program. In such cases, students will be *required* to attend courses at the English Language Institute (ELI) at their own expense and remain in the program until their English proficiency improves to the level required for University enrollment.

Honors Program

GENERAL INFORMATION

**Honors Program, Corner of North and Fell Streets
Campus Box 6100, Normal, IL 61790-6100
Phone: (309) 438-2559**

Website: Honors.IllinoisState.edu

HONORS PROGRAM REQUIREMENTS

Honors students are required to maintain a minimum cumulative Grade Point Average of 3.30 and are required to complete one Honors Learning Experience each semester.

Honors Seminar: All students admitted to the Honors Program will take an Honors Seminar in their first semester. Successful completion of HON 102A17 and meeting GPA requirements is required to continue in the Honors Program.

Honors Probation: Students whose cumulative GPA falls between 3.00 and 3.29 will be placed on Honors Probation, which allows them the opportunity to raise their GPA while enjoying the benefits of the Honors Program.

Students on Honors Probation have up to two semesters to raise their cumulative GPA to 3.30 or higher. While on probation, students must achieve at least a 3.30 semester GPA. Students who fail to meet these requirements or whose cumulative GPA falls below 3.00 will be academically ineligible to continue in the Honors Program.

Participation Requirements: Honors students who have classes on campus are required to complete one Honors Learning Experience each semester. Honors experiences that are credit-generating may not be taken credit/no credit and must result in a grade of C or better. Students who complete multiple Honors Learning Experiences in one semester may "bank" one experience to use in a future semester. Only one Honors Learning Experience can be "in the bank" at a time. Honors experiences are not required in the summer; however, a summer Honors experience can be banked if the bank is "empty." A variety of Honors Learning Experiences is encouraged. When students are completing a semester off campus, they are not required to complete an Honors Learning Experience. Off-campus semesters may include: study abroad, student teaching (registration in STT 399), fall semester of Professional Development School Internship, field-based semesters for special education (not practicum), full-time internships, or full-time clinical rotations (e.g., medical lab science).

Suspension for Non-Participation: Students who do not complete an Honors Learning Experience and do not have one "banked" are placed on Honors Suspension for the following semester. Students lose the privilege of early registration during the Suspension semester. In order to regain good standing, students must complete an Honors Learning Experience during the Suspension semester. Students do not have to make up the missed experience. There is only one Suspension semester; if a student fails to complete an experience in a future semester, s/he will be ineligible to continue in the Honors Program.

Honors Learning Experiences: Students can choose from six types of Honors Learning Experiences: Honors Sections of regular courses, Honors Contracts, Honors Seminars, Honors Research (Honors Independent Study, Honors Undergraduate Research, or Honors Thesis), Honors Explorations, or Honors Travel.

Presidential Scholars: Students who were selected as Presidential Scholars as incoming freshmen are members of and must fulfill Honors Program requirements. Presidential Scholars complete a series of four unique Honors Seminars: HON 102A17, 202A75, 202A76, and 202A77. Successful completion of these seminars, in addition to general university graduation requirements, is required for graduation. "Presidential Scholar" is noted on student transcripts and in the Commencement Booklet. Students wear a silver cord at commencement.

HONORS PROGRAM GRADUATION DESIGNATIONS

Honors students receiving undergraduate degrees may receive one or more Honors designations, based on the Honors Learning Experiences students choose to complete. The following designations are recorded permanently on student transcripts, and some are noted on diplomas.

Honors Program Scholar: To achieve this designation, students must earn a minimum 3.30 GPA at the time of graduation; participate in the Honors Program a minimum of 3 semesters; successfully complete a minimum of three Honors Learning Experiences; and continue to complete an Honors Learning Experience each semester in the Honors Program through graduation. “Honors Program Scholar” is indicated on the transcript and in the Commencement Booklet. Students wear a red cord at Commencement.

Honors in the Major: Students must be a member of the Honors Program in good standing at the time of graduation, which includes having a 3.30 cumulative GPA and completion of one Honors Learning Experience per semester in the program. Students must have a minimum 3.50 major GPA at the time of graduation. The basic requirements are three Honors Learning Experiences in major courses and an Honors Capstone Experience. Departments and schools may specify the types of Honors Learning Experiences required as well as the framework for the capstone. Requirements are available on the Honors Program website. “Honors in the Major” is noted on the transcript, in the Commencement Booklet, and on the diploma.

Honors Courses (HON)

102 HONORS SEMINAR

1-4 sem. hrs.

Interdisciplinary sessions for students in the Honors Program. Presented by one or more specialists on the topic, explores a semester theme. May be repeated if topic is different; maximum 6 hours. Formerly *HONORS COLLOQUIUM*. Topics are listed below.

102A17 HONORS MINDSET SEMINAR

1 sem. hr.

Introduction to the Honors Program. Students will explore the Dimensions of Honors learning throughout their undergraduate career. Formerly IDS 102A17 *HONORS FRESHMAN SEMINAR*. Materials charge optional. Prerequisite: Admission to the Honors Program.

102A70 PRESIDENTIAL SCHOLARS FRESHMAN SEMINAR

1 sem. hr.

Interdisciplinary sessions for Presidential Scholar students in the Honors Program. Presented by one or more specialists on the topic, explores a semester theme. Formerly IDS 102A70.

202 ADVANCED HONORS SEMINAR

1-3 sem. hrs.

Presented by a specialist dealing with a semester’s topic for students in the Honors Program. Formerly IDS 202 *ADVANCED HONORS COLLOQUIUM*. May be repeated if topic is different (see topics below).

202A75 ADVANCED HONORS SEMINAR: INTERDISCIPLINARY INVESTIGATIONS

1 sem. hr.

This course for Presidential Scholars will focus on interdisciplinary connections and ways disciplines can inform and influence each other. Formerly IDS 202A75. Prerequisites: IDS102A70 or 102A70; consent of the Honors Program.

202A76 ADVANCED HONORS SEMINAR: CRITICAL THINKING AND INQUIRY

1 sem. hr.

This course for Presidential Scholars will address issues of critical thinking, problem solving, academic investigations, and research. Formerly IDS 202A76 *ADVANCED HONORS SEMINAR: CRITICAL THINKING AND INQUIRY*. Prerequisites: HON 102A70 OR 102A70; consent of the Honors Program.

202A77 ADVANCED HONORS SEMINAR: LEADERSHIP IN ACTION

1 sem. hr.

This course for Presidential Scholars will study the critical qualities of successful leaders and facilitate an applied leadership experience. Formerly IDS 202A77. Prerequisites: IDS 102A17 or 102A70; consent of the Honors Program.

285 HONORS UNDERGRADUATE RESEARCH

1-6 sem. hrs.

Honors student assists a faculty member on the faculty member’s research project. May be repeated; maximum of 6 hours. Formerly IDS 285. Prerequisite: Consent of Honors Program.

286 HONORS UNDERGRADUATE RESEARCH II

1-6 sem. hrs.

Continuation of IDS 285. May be repeated; maximum of 6 hours. Formerly IDS 286. Prerequisite: IDS 285.

299 HONORS INDEPENDENT STUDY

1-6 sem. hrs.

Intensive work in a special area of the student’s major or minor. Each individual project is to culminate in a comprehensive written report or examination. Maximum of 6 hours may be applied toward graduation. Limit of 9 hours IDS 299 and 395 combined may count toward graduation. Prerequisites: Consent of the instructor, department chair or school director, and Honors Program.

395 HONORS THESIS

1-6 sem. hrs.

Intensive research in a special area of the student’s major. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Maximum of 6 hours may be applied toward graduation. Limit of 9 hours of IDS 299 and 395 combined may count toward graduation. Formerly IDS 395. Prerequisites: Consent of instructor, department or school, and the Honors Program. The same prerequisites apply to the following discipline-specific Honors Thesis courses.

395A01 HONORS THESIS: ECONOMICS

1-6 sem. hrs.

Intensive research in Economics. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A01. Prerequisites: Consent of instructor, department chair or school director, and the Honors Program.

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395A02 HONORS THESIS: ENGLISH

1-6 sem. hrs.

Intensive research in English. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A02. Prerequisites: Consent of the instructor, department, and the Honors Program.

395A03 HONORS THESIS: PSYCHOLOGY

1-6 sem. hrs.

Intensive research in Psychology. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A03. Prerequisites: Consent of the instructor, department, and the Honors Program.

395A04 HONORS THESIS: MATHEMATICS

1-6 sem. hrs.

Intensive research in Mathematics. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly 395A04. Prerequisites: Consent of the instructor, department, and the Honors Program.

395A05 HONORS THESIS: COMMUNICATION SCIENCES AND DISORDERS

1-6 sem. hrs.

Intensive research in Speech Pathology and Audiology. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A05 *HONORS THESIS: SPEECH PATHOLOGY AND AUDIOLOGY*. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A06 HONORS THESIS: ANTHROPOLOGY

1-6 sem. hrs.

Intensive research in Anthropology. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A06. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A07 HONORS THESIS: BIOLOGY

1-6 sem. hrs.

Intensive research in Biological Sciences. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A07. Prerequisite: Consent of the instructor, school, and the Honors Program.

395A08 HONORS THESIS: COMMUNICATION

1-6 sem. hrs.

Intensive research in Communication. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A08. Prerequisite: Consent of the instructor, school, and the Honors Program.

395A09 HONORS THESIS: PHILOSOPHY

1-6 sem. hrs.

Intensive research in Philosophy. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A09. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A10 HONORS THESIS: ART

1-6 sem. hrs.

Intensive research in Art. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A10. Prerequisite: Consent of the instructor, school, and the Honors Program.

395A11 HONORS THESIS: HISTORY

1-6 sem. hrs.

Intensive research in History. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A11. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A12 HONORS THESIS: FRENCH

1-6 sem. hrs.

Intensive research in French. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A12. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A13 HONORS THESIS: GERMAN

1-6 sem. hrs.

Intensive research in German. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A13. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A14 HONORS THESIS: POLITICAL SCIENCE

1-6 sem. hrs.

Intensive research in Politics and Government. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A14. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A15 HONORS THESIS: SPANISH

1-6 sem. hrs.

Intensive research in Spanish. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A15. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A16 HONORS THESIS: MUSIC

1-6 sem. hrs.

Intensive research in Music. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A16. Prerequisite: Consent of the instructor, school, and the Honors Program.

395A17 HONORS THESIS: CHEMISTRY

1-6 sem. hrs.

Intensive research in Chemistry. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A17. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A18 HONORS THESIS: GEOGRAPHY-GEOLOGY

1-6 sem. hrs.

Intensive research in Geography-Geology. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A18. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A19 HONORS THESIS: CRIMINAL JUSTICE SCIENCES
1-6 sem. hrs.

Intensive research in Criminal Justice Sciences. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A19. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A20 HONORS THESIS: BIOCHEMISTRY/ MOLECULAR BIOLOGY
1-6 sem. hrs.

Intensive research in Biochemistry/Molecular Biology. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A20. Prerequisite: Consent of the instructor, school, and the Honors Program.

395A21 HONORS THESIS: PHYSICS
1-6 sem. hrs.

Intensive research in Physics. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A21. Prerequisite: Consent of the instructor, department, and the Honors Program.

395A22 HONORS THESIS: BILINGUAL/ BICULTURAL EDUCATION
1-6 sem. hrs.

Intensive research in Bilingual-Bicultural Education. Each individual project is to culminate in a comprehensive written thesis and an oral defense of the thesis. Formerly IDS 395A22. Prerequisite: Consent of the instructor, department, and the Honors Program.

Additional Academic Opportunities

INTERNATIONAL STUDIES AND PROGRAMS

301-311 Fell Hall, Phone: (309) 438-5276
Website: InternationalStudies.IllinoisState.edu

The Office of International Studies and Programs (OISP) is the focal point for international activities at Illinois State University. The University's full scope of international activities - undergraduate, graduate, professional, research and training - are coordinated by this office.

The primary mission of OISP is to internationalize educational programs, research and training opportunities; hence advance the understanding of international and cross-cultural issues across campus and for the community at large.

International Student and Scholar Services: The unit is responsible for immigration advisement and academic assistance and offers a variety of services for international students and scholars including an extensive orientation. The unit is also engaged in outreach through community-based organizations.

Management Development International (MDI): Management Development International conducts profes-

sional certificate and diploma training programs, as well as custom-designed training programs, in a variety of fields for international clientele. Programs are offered on-site at Illinois State and at many other locations around the world.

International House: International House is a multicultural living and learning center for American and international students at Illinois State. The primary responsibility of the International House Unit is to promote diversity among American and international students and to contribute to international understanding through commitment to developing friendships, providing cultural learning opportunities and offering programs which extend these primary goals to the wider university and to the Bloomington/Normal community.

Unit for International Linkages: The Office of International Studies and Programs has established the Unit for International Linkages to increase scholarly activity and research throughout the world. The unit pursues and coordinates linkages with institutions in countries around the world.

Admission of international students is processed through the Office of Admissions at Illinois State University.

SEMESTER STUDY ABROAD PROGRAMS

Study Abroad provides year-round orientations, consultation and advisement, and follow-ups to assist students and program directors on a continuous basis before, during and after their study abroad experience.

Study Abroad Course

230 UNDERGRADUATE STUDY ABROAD
1-18 sem. hrs.

Take a variety of coursework in another country. Students who participate through Illinois State University's Study Abroad office will be evaluated for ISU graduation requirements, such as residency hours. May be repeated if content differs. Courses may not be taken P/NP.

NOTE: Consult with an advisor in International Studies for additional information.

Preparation for Professional Study

ENGINEERING

Illinois State University Physics Department directs a joint Engineering/Physics program shared with a partner engineering university such as the University of Illinois or Bradley University. Students begin at Illinois State and transfer to their chosen partner engineering university after completing 90 semester hours. Students receive a B.S. in Engineering from the partner university upon completion of their Engineering requirements. They receive a second B.S. in Physics from Illinois State upon transferring back 30 approved hours from the engineering university. Students major in Engineering Physics while at Illinois State.

The Engineering Physics program is listed under the Physics programs section of the Undergraduate Catalog. Engineering Physics majors benefit from small class size and close student-faculty interactions in the Physics Department. This five-year program offers greater depth than the average engineering curriculum and provides students with the additional problem solving and scientific foundations needed to design the rapidly changing technologies of the future. Due to the sequential nature of engineering curricula, it is important that appropriate course selections be made. Interested students should contact the Department of Physics at (309) 438-8756 or info@phy.IllinoisState.edu early in their academic careers for help in developing an appropriate plan of study.

LAW

Law schools do not require any specific courses or undergraduate majors. A committee of the Association of American Law Schools has recommended that the prelaw student keep in mind three basic objectives in planning an undergraduate program: education for articulate oral and written expression; education for greater understanding of human institutions and values; and education to develop the skills of conceptual analysis. The committee has emphasized the need for a broad, liberal education that develops the student's intellectual interests rather than an education directed too pointedly toward later professional training and practice.

Students planning to apply for admission to law school should consult the University's prelaw advisor, Dr. Meghan Leonard, Department of Politics and Government, Pre-law@IllinoisState.edu, for information about the Law School Admissions Test and for assistance in selecting and applying to suitable law schools.

HEALTH PROFESSIONS

Students who plan to apply to Health Professional School usually major in Biological Sciences or Chemistry because several specific Pre-Health course requirements can be applied toward a major in these fields. While students can choose to major in another discipline, they should be aware that many first year Biology and Chemistry courses are reserved for students in majors which require them.

Minimum admission requirements to colleges of medicine, dentistry, and veterinary medicine are discussed below. Further information about admission procedures to these and other health-related professional colleges can be obtained by making an appointment with the Pre-Health Advisor by calling (309) 438-7604, or by going to UniversityCollege.IllinoisState.edu/advising/preprofessional.

Medicine: Admission requirements of individual medical colleges can be found in *Medical School Admissions Requirements - United States and Canada*. Students can see the following website for information on how to acquire the MSAR: www.aamc.org/students/applying/requirements/msar/.

Specific course requirements of medical schools in the state of Illinois may be met by taking the following courses:

Biological Sciences 196, 197
Chemistry 140, 141, 230, 231, 232, 233 and 342
English and Speech (9 hours)
Mathematics 145 is recommended
Physics 108, 109
Psychology (6 hours)
Sociology 106
Statistics (3 hours)

Other specific course requirements usually are met by completion of the General Education program. It should be understood that a careful selection of general education and elective courses beyond the specific admission requirements can make the applicant more competitive.

Students should anticipate the completion of the requirements for a bachelor's degree with the following approximate timetable:

1. Completion of specific course requirements by the end of the junior year.
2. Medical College Admission Test taken in the spring of or the summer following the junior year.
3. Medical College application process begun in June, preceding senior year.

Dentistry: Admission policies of individual dental schools are set forth in *Official Guide to Dental Schools*. Book orders should be addressed to:

American Dental Education Association
Department 0741
Washington, DC 20073-0741

To order by phone: (202) 289-7201 Ext. 195 or on the website: www.adea.org

In addition to the completion of the General Education program, the following courses would meet the minimum specific course requirements for Illinois dental schools:

Biological Sciences 181, 182, 196, 197, 260
English 101 and 145
Chemistry 140, 141, 230, 231, 232, 233 and 242 or 342.
Physics 108, 109
Statistics (3 hours)

Most students enter dental school after four years of Pre-Professional studies. It is advised that students anticipate an undergraduate program with the following timetable:

1. Completion of biology and chemistry course requirements by the end of the junior year.
2. Dental Admission Test taken during the spring or summer preceding senior year.
3. Dental college application process is begun in the summer preceding the senior year.

Veterinary Medicine: Students who plan to apply to programs of Veterinary Medicine often choose majors in Biological Sciences, Chemistry, or Agricultural Sciences. The prerequisite courses needed to apply to programs in

Veterinary Medicine vary, however the following prerequisite courses are often required:

Biological Sciences 196, 197
 Chemistry 140, 141, 230, 231, 232, 233, and 342
 Mathematics 145 is recommended
 Physics 108, 109

Students interested in applying to programs in Veterinary Medicine are advised to consult the following website for comprehensive information about the application process and to see requirements for individual schools: www.aavmc.org.

NOTE: Students who plan to apply to Health Professional Programs, including Medical, Dental, Veterinary, Physician Assistant, Pharmacy, Optometry, Podiatry, Occupational Therapy, and Physical Therapy Programs are advised to register for IDS 194 Careers for Health Professionals, during their junior year. Contact University College at (309) 438-7604 for more information regarding IDS 194.

UNDERGRADUATE RESEARCH

Research is considered a vital component in the development of undergraduates at Illinois State. All students have the opportunity and are encouraged to participate in scholarly research during their university experience.

As is true for all research, undergraduate students should ensure that any research projects involving living human subjects have been approved by the Institutional Review Board (IRB). Research projects involving living animals require the approval of the Institutional Animal Care and Use Committee (IACUC). Research involving biohazards must be reviewed by the Institutional Biosafety Committee (IBC). If questions exist, discuss this with your faculty supervisor or contact Research Ethics and Compliance in 307 Hovey, at (309) 438-2529.

Student research, scholarship, and creative accomplishment are showcased each spring in the University Research Symposium sponsored by the Graduate School. Students must be enrolled and engaged in research under the direction of a faculty mentor.

The symposium recognizes and promotes student research, scholarship and creative achievement by providing a professional setting in which students present. In addition to recognizing and encouraging research this event will also provide professional development experience. Presenters at the symposium are eligible to apply for small grants to assist with the cost of research and/or preparation of a poster, or travel to present research at off-campus professional conferences. For more information about the Research Symposium, please visit Grad.IllinoisState.edu/symposium.

UNDERGRADUATE TEACHING ASSISTANTS

Undergraduate Teaching Assistantships (UTA) are available in nearly all departments of the University to juniors and seniors who have demonstrated excellence in a particular discipline and high overall scholastic achievement. The purpose of the program is to assist the faculty in the improvement of instruction and to provide UTAs with a valuable learning opportunity.

Undergraduate Research Assistantships (URA) are available in selected departments for students who have demonstrated excellence in a particular discipline with significant potential in research. The purpose of the program is to work closely with faculty members and to provide students valuable opportunities for research.

The responsibilities and nature of the UTA and URA assignments are determined by the departments and colleges. Some departments provide the opportunity for credit to be earned by the UTA under a General Offerings course (291 Seminar: Undergraduate Teaching Assistants). Three hours is the maximum amount of this credit that may be allowed for graduation. Tuition and fees are assessed in the usual manner for all credit earned in the UTA and URA experiences. Application forms are available in the departmental and college offices.

UNIVERSITY COLLEGE

324 Fell Hall, Campus Box 4060
Phone: (309) 438-3217
UniversityCollege.IllinoisState.edu

University College provides programs and services that assist students in making successful transitions into Illinois State University, achieving their educational goals, and realizing their academic potential in the first year and beyond. In addition to coordination of the first year experience for new students, programs and services offered or coordinated through University College include:

- Academic Advisement for all first year students, Undeclared Students, pre-professional students, student-athletes, international undergraduates, and other special populations
- Instructional Services including Developmental Mathematics, First Year LinC, University Success Skills, and the Transfer Student Seminar
- Orientation and Transition Services including Preview and the Transfer Day Program
- Julia N. Visor Academic Center including tutoring and academic support workshops
- University Studies and Interdisciplinary Studies Majors
- Testing Services
- Academic Probation, Dismissal, and Reinstatement
- Retention Services including services and programs to improve student persistence, academic success, and graduation.

ACADEMIC POLICIES AND PRACTICES

Degree Requirements

GENERAL REQUIREMENTS FOR GRADUATION

The following graduation requirements apply to all students. Meeting graduation requirements is the individual responsibility of each student. The student and advisor should check the student's program of courses frequently to assure that the student is fulfilling the following graduation requirements (all references to hours indicate semester credit hours).

- A. **Total Hours:** The actual hour requirement for an undergraduate degree varies by the program or combination of programs that a student elects. A student must have a minimum of 120 hours of credit acceptable toward graduation. Some courses may not count toward graduation. These restrictions are noted in the course descriptions. Some curricula or combinations of fields require additional hours. If all specified requirements are completed with fewer than 120 hours, a student must elect sufficient additional course work to total at least 120 hours.
- B. **Specific B.A./B.S. Requirements:** There are a variety of baccalaureate degrees. Students graduating from B.A. or B.S. degree programs must meet specific requirements beyond major and other graduation requirements. A student pursuing the B.A. degree will acquire knowledge of a foreign language as demonstrated by successful completion of LAN 115 (or the equivalent). A student pursuing the B.S. degree will complete a three-hour natural science, mathematics, statistics, or technology (SMT) course beyond General Education requirements. (See Degree Programs.)

A student may apply for and receive two bachelor's degrees at the same time. To receive two degrees simultaneously, two different majors are required. The degrees may be the same (E.G., two B.A. degrees) or different (e.g., a B.A. degree and a B.S. degree). All specified major requirements for both degrees must be met as well as all general graduation requirements for both bachelor's degrees. A minimum of 150 credit hours is required to receive both degrees.

NOTE: All graduates of the College of Arts and Sciences must satisfy a foreign language graduation requirement that may be met by: 3 years of one foreign language in high school or successful completion of the second semester or higher of college-level foreign language with a passing grade or equivalent proficiency as determined by examination. Students who have successfully completed one semester of college foreign language credit may elect to satisfy this requirement by studying abroad in an

approved program in a non-English speaking country. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

- C. **General Education:** There are three ways to complete General Education requirements at Illinois State University. The first way is to complete Illinois State's General Education Program. The second way is to complete the Illinois Transferable General Education Core Curriculum available through the Illinois Articulation Initiative (IAI). This program, designed for transfer students, is a statewide agreement between participating colleges and universities and some private schools that is designed to facilitate timely degree completion. The third way is to complete a baccalaureate-oriented Associates Degree (A.A. or A.S.) from a regionally accredited post secondary institution. For those transferring from an Illinois college or university, the A.S. degree must include the complete IAI General Education Core Curriculum (GECC) or the student must complete the GECC to fulfill Illinois State's General Education requirement.

The holder of an A.A. or A.S. degree is admitted to Illinois State University with junior standing. (see Degree Programs)

- D. **Major-Minor Options:** Each candidate for B.S. or B.A. degrees must complete a major field of study. Completion of a second major, a minor, or a second minor is optional unless specified by the student's major. A teacher education student who is a candidate for a B.S., B.A., B.S. in Ed., or B.M.E. degree must complete professional education requirements and a major approved for teacher education. Some teacher education programs require the completion of requirements for a second teaching field.

At least half (with a minimum of nine) of the credit hours for a minor must be distinct from any hours the student counts toward a major within the same department or school. A department or school seeking an exception must provide convincing evidence that the resulting major/minor combination confers a breadth of knowledge that meaningfully exceeds what the major alone would provide. This policy applies to both first and second majors and minors.

Note: Students completing requirements for two majors concurrently are eligible to receive only one degree unless 150 or more hours have been completed. See A, Total Hours. The degree awarded is based on the degree corresponding to the primary major. One diploma is issued to the student upon completion of both majors and all other degree requirements.

- E. **Senior College Hours:** The senior college hours (courses numbered 200 or above) must total at least 42

hours. Coursework transferred from other colleges and universities is not counted as senior college credit if freshmen and sophomores are regularly permitted to enroll in such work. No credit from two-year colleges may be counted as senior level.

- F. **Grade Point Average:** The grade point average for all courses taken at Illinois State University must be 2.00 (C) or higher. In addition, the student must have a grade point average of 2.00 (C) (or higher as required by certain programs) in the courses required in the major, and in the minor if the student has a minor.
- G. **Removal of Incompletes:** A student may not graduate with incomplete grades. Each Missing (M) or Incomplete grade (I) must be removed at least six weeks before December or May commencement, or two weeks before August graduation if the course is to be used in meeting graduation requirements.
- H. **Residence Requirements:** Unless otherwise specified in a specific program, at least 30 of the last 60 hours completed toward the baccalaureate degree must be earned at Illinois State.
- I. **Time Limit for Courses as Prerequisites:** Because disciplinary knowledge advances and course content changes as a consequence, some courses taken seven or more years prior to an advance registration period will not automatically be accepted as prerequisites for other courses. When a department or school determines that applicability of a course will lapse, it will designate this in the prerequisite listing as “taken within x years.” For example, for MAT 146, the prerequisites might read “C or better in MAT 145 taken within 10 years required.”
- J. **AMALI (formerly Global Studies Requirement):** Every student graduating from Illinois State University must have successfully completed a course designated as a course in the cultures and traditions of societies or peoples from Asia, the Middle East, Africa, Latin America, or Indigenous Peoples of the World.
- K. **Professional Practice and Independent Study:** A student may count no more than 16 hours of professional practice courses (198, 298, 398) toward graduation. Some programs allow fewer than 16 hours. A student may count no more than 6 hours of independent study (287) credit toward graduation.
- L. **Disciplinary Hold:** A student may not graduate with a disciplinary hold on his or her record.

BACCALAUREATE DEGREE PROGRAMS

Undergraduate degrees available at Illinois State University include the Bachelor of Arts, Bachelor of Science, Bachelor of Science in Education, Bachelor of Science in Nursing, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Music Education and Bachelor of Social Work degrees. When applying for graduation, the student indicates the specific degree that he or she is qualified to receive.

Note: Students completing requirements for two majors concurrently are eligible to receive only one degree unless 150 or more hours have been completed (See A, Total Hours under Degree Requirements). The degree awarded is based on the degree corresponding to the primary major. One diploma is issued to the student upon completion of both majors and all other degree requirements. Requirements are specified for each degree below.

Statement of Purpose for the Bachelor of Arts (B.A.) Degree: The Bachelor of Arts degree provides for the acquisition of written and oral communication skills, creative thinking, abilities in the critical analysis of texts, the understanding of cultures, and a working knowledge of social, political, and historical contexts. The degree is typically pursued by those students whose academic emphasis in their major area of study is directed toward the humanities, arts, and selected areas of the social sciences disciplines.

Statement of Requirements for the Bachelor of Arts (B.A.) Degree: General Education requirements, general requirements for graduation, and knowledge of a foreign language as demonstrated by successful completion of LAN 115 (or the equivalent). A student seeking a B.A. degree takes LAN 115 in place of Quantitative Reasoning.

NOTE: All graduates of the College of Arts and Sciences must satisfy a foreign language graduation requirement that may be met by: 3 years of one foreign language in high school or successful completion of the second semester or higher of college-level foreign language with a passing grade or equivalent proficiency as determined by examination. Students who have successfully completed one semester of college foreign language credit may elect to satisfy this requirement by studying abroad in an approved program in a non-English speaking country. American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency.

Statement of Purpose for the Bachelor of Science (B.S.) Degree: The Bachelor of Science degree provides for the acquisition of oral and written communication skills and the acquisition of analytical skills for examining and solving problems. The degree is typically pursued by those students whose academic emphasis in their major area of study is directed towards the natural sciences, mathematics, statistics, or a technological field.

Statement of Requirements for the Bachelor of Science (B.S.) Degree: General Education requirements, general requirements for graduation, and increased knowledge of the natural sciences, mathematics, statistics, and/or technology. This knowledge is demonstrated by the successful completion of a three-hour course, beyond those required for General Education, selected from an approved list of courses that involve natural sciences, mathematics, statistics, and technology (SMT).

Statement of Purpose for the Bachelor of Science in Education (B.S. in Ed.) Degree: The Bachelor of Science in Education degree encourages acquisition of communication skills, development of analytical skills for examining

and solving problems, and the understanding of cultures with special emphasis on application to the art and science of teaching. The degree is typically pursued by students interested in the teaching profession.

Statement of Requirements for the Bachelor of Science in Education (B.S. in Ed.) Degree: General Education requirements, general requirements for graduation, and increased knowledge and skills related to professional standards established by the National Council for the Accreditation of Teacher Education (NCATE) through the successful completion of professional education requirements and approved teacher education major requirements.

Statement of Purpose for the Bachelor of Science in Nursing (B.S.N.) Degree: The Bachelor of Science in Nursing degree provides graduates with knowledge and skills in communication, critical thinking for analyzing and solving problems, and an understanding of the societal changes that impact health care. Courses from the humanities, psychology, physical and social sciences, as well as the use of technology, provide a foundation for scientific inquiry and application of nursing knowledge and theories to diverse populations and settings.

Statement of Requirements for the Bachelor of Science in Nursing (B.S.N.) Degree: General Education requirements, general requirements for graduation, and nursing field of study requirements.

Statement of Purpose for the Bachelor of Fine Arts (B.F.A.) Degree: The Bachelor of Fine Arts degree encourages the acquisition and display of talent in the arts, with special emphasis on aesthetic performance and understanding. The degree is typically pursued by individuals interested in the creative and fine arts.

Statement of Requirements for the Bachelor of Fine Arts (B.F.A.) Degree: General Education requirements, general requirements for graduation, and art field of study requirements for B.F.A. degree.

Statement of Purpose for the Bachelor of Music (B.M.) Degree: The Bachelor of Music degree encourages the acquisition and display of talent in music, with special emphasis on aesthetic performance and understanding. This degree is typically pursued by individuals interested in music performance.

Statement of Requirements for the Bachelor of Music (B.M.) Degree: General Education requirements, general requirements for graduation and music field of study requirements for B.M. degree.

Statement of Purpose for the Bachelor of Music Education (B.M.E.) Degree: The Bachelor of Music Education degree encourages the acquisition and display of talent in music, with the special emphasis on teaching music. This degree is typically pursued by individuals interested in becoming music teachers.

Statement of Requirements for the Bachelor of Music Education (B.M.E.) Degree: General Education requirements, general requirements for graduation, music field of study requirements for B.M.E. degree, and professional education requirements.

Statement of Purpose for the Bachelor of Social Work (B.S.W.) Degree: The B.S.W. encourages acquisition of communication skills, development of analytical skills for examining and solving problems; and the understanding of social, cultural, and legal structures with special emphasis on application to the profession of social work. The degree is pursued by all undergraduates in the School of Social Work and is recognized as the first professional degree in the field that prepares undergraduate students for beginning generalist social work practice.

Statement of Requirements for the Bachelor of Social Work (B.S.W.) Degree: General Education requirements, general requirements for graduation, and Social Work major requirements.

BACHELOR OF SCIENCE GRADUATION REQUIREMENT IN SCIENCE, MATHEMATICS AND TECHNOLOGY

Students with a Bachelor of Science (B.S.) degree must have one additional science, mathematics, statistics, and/or technology course (beyond the General Education requirements) which must meet three criteria: (a) courses must be three semester hours or greater; (b) courses must list specific prerequisites from General Education courses in mathematics and/or science, approved natural science alternative courses, or courses in the quantitative reasoning category; and (c) course content must be mathematical, scientific, and/or technological, and must constitute a significant extension of the General Education courses that count as prerequisites.

The courses on the following list meet the graduation requirement for **Science, Mathematics and Technology**.

AGR 157 Soil Science
 AGR 203 Agriculture and the Environment
 AGR 271 Foods of Animal Origin
 AGR 282 Physiology of Farm Animals
 AGR 315 Financial Management and Analysis of the Agribusiness Firm
 AGR 363 Agricultural Statistics
 BSC 145 Human Biology
 BSC 160 Microbiology and Society
 BSC 170 Genetics and Society
 BSC 201 Ecology
 BSC 202 Human Ecology
 BSC 211 Economic Botany
 BSC 219 Genetics
 BSC 223 Ecology and Conservation of Plants
 BSC 292 Invertebrate Zoology
 BSC 295 Comparative Vertebrate Anatomy
 BSC 333 Plant Diversity
 CHE 141 General Chemistry II
 CHE 204 Chemistry of Life

CHE 220 Elementary Organic Chemistry
 CHE 230/231 Organic Chemistry I/Organic Chemistry Laboratory
 CHE 280 Environmental Chemistry
 ECO 138 Economic Reasoning Using Statistics
 ECO 238 Using Regression and Econometric Methods
 FIL 240 Business Finance
 GEO 138 Quantitative Reasoning in the Geosciences
 GEO 202 Evolution of the Earth
 GEO 207 Natural Disasters
 GEO 211 Earth's Dynamic Weather
 GEO 280 Mineralogy
 HSC 201 Pathophysiology I
 IT 115 Reasoning About Complex Systems
 IT 165 Computer Programming for Scientists
 KNR 282 Biomechanics of Human Movement
 MAT 121 Applied Calculus
 MAT 146 Calculus II
 MAT 147 Calculus III
 MAT 160 Elementary Discrete Mathematics
 MAT 175 Elementary Linear Algebra
 MQM 100 Statistical Reasoning
 MQM 227 Operations Management
 PHI 112 Language, Logic and Mathematics
 PHY 109 College Physics II
 PHY 111 Physics for Science and Engineering II
 PHY 117 Numerical Reasoning in Nature and Technology
 PHY 205 Origin of the Universe
 PHY 206 Chaos and Complexity
 PHY 207 Energy and the Environment
 POL 138 Quantitative Reasoning in Political Science
 PSY138 Reasoning in Psychology Using Statistics
 PSY 340 Statistics for the Social Sciences
 SOC 275 Social Statistics
 TEC 111 Fundamentals of Power Technology
 TEC 143 Introduction to Electronics For Data Communication
 TEC 313 Quality Systems for Technology

AMALI GRADUATION REQUIREMENT

Students must have completed at least one course in AMALI (that is, cultures and traditions of Asia, the Middle East, Africa, Latin America, or Indigenous Peoples of the World), (Formerly Global Studies) which must meet the following criteria: (a) the course focuses primarily upon facets of specific cultures from these regions or these cultures in general (a minimum of 75 percent of the course content must deal directly with the culture(s) from these regions); (b) exploration of the culture(s) is developed in a comparative perspective which helps the student understand and appreciate differences between the culture(s) under consideration and cultures and traditions of America; and (c) the course includes exposure to primary writings and artifacts from the culture(s).

TANT 185 Cultures of the World: An Introduction to Cultural and Linguistic Anthropology*

ANT 270 Anthropology of Gender and Sexuality

ANT 272 North American Indians

ANT 278 Introduction to Asian America

ANT 280 Cherokee Culture to 1830

ANT 294 Japanese Society and Culture

ANT 303 Latin America in Ethnographic Perspective

ANT 307 Japanese Diasporas, Culture, and Identity

ANT 308 Japanese Communicative Strategies

ANT 384 North American Archaeology

ANT 385 Media and Visual Anthropology

ART 275 World Arts: Visual Arts*

CHI 111 First-Year Chinese (Part I)

CHI 112 First-Year Chinese (Part II)

CHI 115 Second-Year Chinese (Part I)

CJS 369 World Criminal Justice Systems

ENG/LAN 206 Cultural Expressions in Social Contexts:
Women of Asia, Latin America and Africa*

ENG 266 Native American Literature and Culture

FCS 222 Cultural Diversity in Dress*

FRE 314 Studies in Contemporary Francophone Culture

FRE 325 Francophone Literature and Culture

GEO 135 World Geography*

GEO 235 Geography of Emerging Areas*

HIS 104 History of Asia, Middle East, Africa,
Latin America, or Indigenous Peoples*

HIS 263 Modern Mexico

HIS 265 African Civilization

HIS 266 Modern Africa

HIS 267 Modern South Asia

HIS 271 Islamic Civilization

HIS 272 North American Indians

HIS 275 History of Japanese Civilization

HIS 276 History of Chinese Civilization

HIS 282 History of Colonial Latin America*

HIS 283 History of Cuba

HIS 307 Selected Topics in Non-Western History

HIS 310 Native American History

HIS 373 History of Modern China

HIS 375 History of Modern Japan

IDS 121A29 Texts and Contexts: Native Writers on Native
Issues*

IDS 121A53 Texts and Contexts: City as Text - Lima and
Cusco, Peru**

IDS 133A03 Study Abroad: Exploring Korean Culture and
Education: Multicultural and Global

IDS 133A04 Study Abroad: Introduction to Mexican
Culture

IDS 133A09 Study Abroad: Argentina History, Culture and
Society

IDS 203 Nations and Narrations

IDS 204 Service Learning: Meknes, Morocco*

JPN 111 First-Year Japanese (Part I)

JPN 112 First-Year Japanese (Part II)

JPN 115 Second-Year Japanese (Part I)

JPN 116 Second-Year Japanese (Part II)*

JPN 231 Japanese Conversation and Composition

JPN 232 Advanced Japanese Reading and Composition

MUS 153 Black Music I*

MUS 154 Black Music II*

MUS 275 World Arts: Music*

PHI 207 Indian Philosophy

PHI 208 Buddhist Philosophy

POL 140 Introduction to the Politics of Africa, Asia, and
Latin America*

POL 151 Introduction to International Relations

POL 240 Latin American Politics

POL 245 Asian Politics

POL 246 African Politics

POL 247 Middle Eastern Politics

POL 340 Topics in Latin American Politics

POL 345 Topics in Asian Politics

POL 349 Topics in Middle East Politics

SOC 220 Global Social Change: An Introduction to
Macrosociology

SOC 320 Global Development and Economic Change

SPA 244 Cultura Hispanoamericana

SPA 326 Spanish American Literature: Foundations to
Late 19th Century

SPA 327 Spanish American Literature: Late 19th Century
to Present Day

SPA 336 Selected Topics in Spanish American Literature

THE 271 Studies of Non-Western Film

THE 275A01 World Arts: Theatre*

THE 275A02 World Arts: Film*

*AMALI courses approved for General Education.

GRADUATION PROCEDURES

Application for Graduation: All students must submit an application for graduation and pay the graduation fee in order to earn a degree. Students with 100 or more earned hours are eligible to apply for graduation and are notified to do so. Instructions on how to apply can be found at Registrar.IllinoisState.edu/graduation, or by visiting the Registrar Service Center in 107 Moulton Hall.

Each student should apply for graduation on or before the date specified in the Office of the University Registrar Calendar found at Registrar.IllinoisState.edu/calendar. Undergraduate students must pay the \$35 graduation fee at the time of application, unless the fee is covered by an approved scholarship. Scholarships can be verified with the Student Accounts Office.

Academic Advisement Report: The Academic Advisement Report is an assessment of the undergraduate student's academic progress toward completion of requirements for the bachelor's degree. This report may be requested by the student with a photo I.D. at the University Registrar Service Center, 107 Moulton Hall, Campus Box 2202 or by viewing Academic Requirements on My.IllinoisState.edu.

To determine specific program requirements (in addition to the general requirements for graduation stated above), students should consult the following sections of the *Undergraduate Catalog*: (1) the General Education requirements; (2) the specific requirements for the major and minor fields of study; and, if the student seeks teacher licensure, (3) the University-wide Teacher Education program requirements in this *Undergraduate Catalog*.

Double Majors: Students completing requirements for two majors concurrently are eligible to receive only one degree unless 150 or more hours have been completed. (See A, Total Hours in the Degree Requirements section.) The degree awarded is based on the degree corresponding to the primary major. One diploma is issued to the student upon completion of both majors and all other degree requirements. Both majors are designated on the transcript at the time the degree is awarded.

Commencement: Degrees are conferred and diplomas awarded after the close of each semester and the summer session. Commencement exercises are held in December and May at the end of the semester. Undergraduate students completing degree requirements during the fall semester participate in Commencement exercises in December; students completing degree requirements during the spring semester or at the close of the summer session following May Commencement may participate in Commencement exercises in May. Undergraduate students who are eligible to graduate and want to walk across the stage in their commencement ceremony must answer YES on the Undergraduate Application for Graduation and submit it by the published deadline. An application must be on file and the graduation fee paid by the deadline to participate in the commencement ceremony. **Note:** Students participating in Commencement will walk with the college in

which their primary major resides. Interdisciplinary Studies and University Studies graduates will walk with the College of Education.

For more information regarding Commencement, please visit the Commencement website at GraduationServices.IllinoisState.edu.

Degrees with Honor Distinction: A student must have completed at least 30 semester hours at Illinois State University to be eligible for a degree with honor distinction. Students who have an accumulated GPA of 3.90 through 4.00 are graduated summa cum laude; those with a GPA of 3.80 through 3.89 are graduated magna cum laude; and those with a GPA of 3.65 through 3.79 are graduated cum laude. Diploma and transcript notations of graduation with cum laude, magna cum laude, and summa cum laude honors are based on the cumulative GPA after the student's final graded semester.

Honor Distinction at Commencement: In order to be recognized with an academic honor (summa, magna, cum laude) distinction at Commencement, students must have completed at least 30 semester hours at Illinois State University and have a qualifying GPA (refer to Degrees with Honor Distinction), both based on the last graded semester prior to Commencement. For example, students graduating in May or August must have both hours and GPA completed in the previous fall semester. Students meeting these requirements wear an honor cord as part of their academic regalia at Commencement, and their names will appear in the Commencement program with the honor denoted. Diploma and transcript notations of graduation with cum laude, magna cum laude, and summa cum laude honors are based on the cumulative GPA after the student's final graded semester.

Honors Program Designation at Commencement: The following Honors Program designations are recognized in the Commencement program: Honors Program Scholar, Honors Program Scholar with Merit, Honors Program Scholar with Distinction, Presidential Scholar, and Departmental Honors.

Students are recognized for these awards in the Commencement program if they fulfill individual designation requirements; the cumulative GPA from the semester prior to graduation is used to evaluate eligibility for the designations as well as course and hour requirements that have been completed or are in progress. Students graduating in May or August who participate in May Commencement are evaluated based on the cumulative GPA at the end of the previous fall semester; students graduating in December who participate in the December Commencement are evaluated based on the cumulative GPA at the end of the previous summer session.

Transcript and diploma (as applicable) notations of these designations are based on the cumulative GPA after the student's final semester and the successful completion of designation requirements.

Students who have been awarded the Robert G. Bone Scholarship are also recognized in the Commencement program.

Diplomas: Diplomas are issued to students after completion of all degree requirements, including major(s), minor(s), general education, professional education, if applicable, and other specific degree requirements. Students completing requirements for two majors concurrently are eligible to receive only one degree. The degree awarded is based on the degree corresponding to the primary major. One diploma is issued to the student upon completion of both majors and all other degree requirements. Majors are not printed on the diploma; however, all majors and minors are printed on the official transcript. The following honors designations print on the diploma, as applicable: honor distinction (*summa*, *magna*, or *cum laude*), Honors Program Scholar with Distinction, and Departmental Honors. Diplomas are mailed to students approximately 8 to 10 weeks following graduation.

General Academic Policies

ACCOMMODATION

The University is committed to providing reasonable accommodations to ensure equal employment opportunities and access to University academic programs, services, and facilities in accordance with the requirements of the Americans with Disabilities Act of 1990 (ADA), Section 504 of the Rehabilitation Act of 1973, and other applicable federal and state regulations. If you are a student with a disability and would like to request a reasonable accommodation please contact the Office of Disability Concerns at: Phone: (309) 438-5853; Fax: (309) 438-7713; Email: AbleISU@IllinoisState.edu. Procedures can be found on the website DisabilityConcerns.IllinoisState.edu.

COURSE REGISTRATION AND WITHDRAWAL

Course Registration: Students at Illinois State University register through the My.IllinoisState.edu website. Help with registration may be obtained at the Registrar Service Center, 107 Moulton Hall, or by calling (309) 438-2188. For office hours, visit the website Registrar.IllinoisState.edu.

A student at Illinois State University is responsible for following registration procedures to assure valid registration for courses. Work taken in a given session must be registered for in that session. A student may not attend a class for which they are not properly registered. A correct registration is each student's individual responsibility. The University reserves the right to void the registration of any student who becomes ineligible for enrollment.

Registration may be accomplished during the advance registration period or the additional registration periods prior to the start of the semester. New freshman may register during the summer Preview Program and new transfer students may register during the Transfer Days Program. Students are encouraged to register during these programs because of the wider selection of courses open to them at that time. They may also register just before the opening of the semester. For advance registration, the date and time of registration will be available on My.IllinoisState.edu approximately one week prior to advance registration.

Withdrawal Policy—Dropping a Course or Courses: Students are strongly advised to complete all courses in which they enroll and are encouraged to avoid withdrawing from any course after the program change period unless absolutely necessary.

The following policy applies to students who drop a course or courses but maintain an enrolled status within the University: A student may withdraw from a course during the program change period without the withdrawal being shown on the transcript. A student should consult the Registrar's website at Registrar.IllinoisState.edu to obtain specific dates.

After the tenth day of classes, but prior to the end of the eighth week of classes during any regular semester, a student with photo identification may withdraw from a full semester course by reporting to the Registrar Service Center, 107 Moulton Hall. Course withdrawal deadline information can be found on the Registrar's website at Registrar.IllinoisState.edu.

A student should consult the Registrar Service Center for questions regarding specific withdrawal dates during any instructional term. For courses taken during a term lasting less than a regular semester, a proportional withdrawal period will apply.

A grade of F will be given to students who (1) fail to withdraw officially from a course in compliance with the above procedure, or (2) register for a course but do not complete course requirements.

Circumstances reasonably beyond the control of the student which caused the student to be unable to attend classes, complete the semester, or otherwise become delinquent academically may be considered for a possible late withdrawal upon submission of a letter describing the circumstances. Proper documentation is required to substantiate the request. For example, if the request is based upon medical circumstances, a physician's statement, hospital records, or other appropriate documentation must be submitted with the request. If approval is granted, a grade of WX will be awarded.

Withdrawal Policy—Dropping All Courses: The following policy applies when a student drops all courses in which he or she is enrolled, which is known as withdrawal from the University. Students are strongly advised to complete courses in which they are enrolled and not to withdraw from the University unless absolutely necessary.

Before the end of the twelfth week of classes during any regular semester, a student reports to the Registrar Service Center in 107 Moulton Hall or writes to the Office of the University Registrar at Campus Box 2202 to withdraw from the University.

If a student's written request to withdraw from the University is granted, all grades will be assigned in the same manner and under the same provisions as the regular course withdrawal guidelines. The instructor of each course assigns a WX or letter grade as appropriate depending on the date and circumstances of withdrawal.

Circumstances reasonably beyond the control of the student which caused the student to be unable to attend classes, complete the semester, or otherwise become delinquent academically may be considered for a possible late withdrawal upon submission of a letter describing the circumstances. Proper documentation is required to substantiate the request. For example, if the request is based upon medical circumstances, a physician's statement, hospital records, or other appropriate documentation must be submitted with the request. If approval is granted, a grade of WX will be awarded. Withdrawals made by mail are addressed to Office of the University Registrar, Illinois State University, Campus Box 2202, Normal, IL 61790-2202, or by fax to (309) 438-8652.

Regardless of the circumstances of withdrawal, the student is responsible for returning any laboratory equipment and library materials and paying for any parking fines. The student must contact the University Housing Services to obtain clearance from room and board obligations and to arrange for vacating the residence hall room. The student should arrange with the Financial Aid Office to place any scholarship on leave or cancel it and make arrangements for future financial assistance. Arrangements for payment of loans must be made in the Office of Student Accounts. Consult the Office of Student Accounts for information on refunds.

A grade of F will be given to students who (1) do not attend their courses but fail to withdraw from the University before the specified final withdrawal date, and to students who (2) register for a course but do not complete course requirements. In unusual cases, exceptions may be granted by the University Registrar.

Repetition of Course(s) Requirements: If a student completes a course, or drops a course after the tenth day of classes receiving a grade of WX, he or she may repeat that course once. For students receiving a letter grade of A, B, C, D, or F, the course repetition must occur at Illinois State University and may not be taken under the Passing/Not Passing (P/NP) option.

Students seeking to repeat a course a second time (a third enrollment) must obtain permission from their academic advisor who will submit a registration clearance permit form to the Registrar Service Center to allow the student to register in the course. When a course has been repeated at Illinois State University, the most recent grade (A, B, C, D, F) that the student earns will replace the previous grade in the cumulative GPA calculation. A grade of WX will not replace the previous grade.

The previous grade(s) will not be removed from the student's transcript, and the credit hours from only the last attempt can be used toward meeting minimum hourly requirements. Students repeating a course to improve their GPA should be aware that many professional and graduate schools recalculate GPAs to include all courses attempted.

Cross-listed Course Policy: Cross-listed courses are offered by more than one department or school, but treated as one course for credit purposes. A cross-listed

course will be considered as one course regardless of the department or school through which the student registered for the course. This is a general rule that applies to all cross-listed courses taken for any purpose.

Course Load Requirements: A full-time undergraduate student carries between 12 and 17 hours. For enrollment verification purposes, 12 hours is considered full-time for undergraduate students. A student wishing to carry more than 17 hours in a semester may seek permission to do so from the chairperson or director of his or her major department or school (or their designees). The granting of this permission will depend on the student's scholastic record. A freshman may not carry over 17 hours during his or her first semester.

A student considering enrolling in any classes, including extension or correspondence, at another college or university with concurrent registration at Illinois State University should consult with his or her advisor.

Summer Academic Opportunities: The University is operated on the semester plan and, in addition to its fall and spring semesters, provides a summer session with courses of varying lengths, and a variety of short-term offerings. Courses are offered on campus, off campus and online. Prospective students may obtain information on summer course availability, and other information for the summer session at SummerSession.IllinoisState.edu. Summer session students should refer to the *Undergraduate Catalog* and *Graduate Catalog* for academic requirements. Admission to the University can be arranged on a visiting/summer only basis. Further information can be obtained by contacting the Office of Admissions, (800) 366-2478 or at Admissions@IllinoisState.edu.

Evening and Off-Campus Classes: In addition to courses offered during the regular school day, evening and weekend classes are scheduled both on campus and off campus. For courses offered by Illinois State University, no differentiation is made between credits earned on campus and off campus. Inquiries concerning off-campus classes should be directed to the Office of the Provost, (309) 438-7018. Non-credit workshops, seminars, and conferences are scheduled by the Illinois State Conferencing Unit, (309) 438-2160.

FINAL EXAMINATIONS

Final Examination date, time and room assignments are released in My.IllinoisState in mid-September and mid-February for the current term. Students and faculty can log-in to My.IllinoisState.edu and access this information through the Final Examination Schedule link.

Final examinations should be given and taken at the scheduled times. Permission to change the time for an examination must be obtained and then arranged by the instructor.

Students who are unable to take an examination due to emergencies such as illness or injury, or religious reasons should notify their instructor as soon as possible (in advance, in the case of religious reasons) and make acceptable alternative arrangements. If an instructor does not consider an

excuse for missing a scheduled examination for the student, the student may appeal the action to the department chair or school director.

Multiple Examinations in One Day: Students who have no more than two examinations scheduled for the same day will be expected to take these examinations as scheduled. A student concerned about having more than two final examinations scheduled for the same day should address this concern prior to finals week. Please do the following: (1) Download and complete the Multiple Examinations form found on the Registrar's website; (2) Bring completed form and photo ID to the Registrar Service Center, 107 Moulton Hall, to verify more than two finals are scheduled for the same day; and (3) Take the form to the instructor and *request* that an exam be moved to a different date. It is up to the instructor and student to work out an agreeable alternate time for the examination.

Final Examination Cancellation by the University: If there is a delay in the regular activities of the University which results in the cancellation of Final Exams for the day, those Final Exams will take place on Friday of finals week at the same time and room originally scheduled.

Summer Session: Final Exams for Summer Session courses take place the last day of class.

UNIVERSITY GRADING SYSTEM

Instructors assign a grade in each course for which the student is registered. The course instructor is responsible for correcting any error in grading.

University grades assigned to undergraduate courses are:

- A Excellent
- B Good
- C Satisfactory
- D Poor, But Passing
- F Failing—Assigned to students who are (1) enrolled in a course all semester but fail to earn a passing grade, or who (2) stop attending a class without officially withdrawing
- WX Withdrawal—Assigned to students who officially withdraw from a course before the dates specified in the withdrawal policy
- IP In Progress—Assigned when a student is enrolled in a course before any grades are posted
- CR Credit*—Assigned to students who do satisfactory work in a course which is offered only on a Credit/No Credit basis
- NC No Credit*—Assigned to students who do not do satisfactory work in a course which is offered only on a Credit/No Credit basis

*Note: Certain courses in the University are offered only on a Credit/No Credit (CR/NC) basis. These courses must be approved in advance by the Office of the Provost.

- P Passing**—Assigned to students who earn an A, B, or C grade in a course they have elected to take under the Passing/Not Passing (P/NP) option.
- NP Not Passing**—Assigned to students who do not earn an A, B, or C grade in a course they have elected to take under the Passing/Not Passing (P/NP) option.

** Note: An undergraduate student (except a first-semester freshman) who is not on academic probation may choose to register in some courses under the option that allows the student to be graded on the basis of P (Passing) or NP (Not Passing) rather than on the basis of A, B, C, D, or F grades.

The P/NP option is designed to encourage students to enroll in courses they otherwise would not take. Some courses, therefore, including those in a student's major or minor, may not be taken on the P/NP option. Exceptions include courses in the student's major or minor field that are offered only as credit/no credit (CR/NC) courses. No more than six semester hours of work under the P/NP option may be taken each semester, with a maximum of 25 semester hours under the P/NP option presented for graduation. Although an entry of P (credit earned under the option) or NP (no credit earned under the option) will be entered on the student's record, these entries are not used in computing the student's GPA.

No Group 1 course in General Education may be taken under the P/NP option. If a General Education course is required by a student's declared major, that course may not be taken P/NP; it must be taken for a grade.

Students who plan to enter graduate or professional schools should exercise caution in taking courses under the P/NP option because courses completed on a P/NP basis may adversely affect graduate admission opportunities. Such students should consult their academic advisor prior to taking courses on a P/NP basis.

A grade of P recorded when the grade submitted by the instructor is A, B, or C. A grade of NP is recorded when the grade submitted by the instructor is D or F.

Students electing the P/NP option should do so as part of the regular registration process. Students may not elect the option after the tenth day of classes in the semester. Students who have elected the P/NP option may return to the letter basis of grading before the last date for withdrawing from a course, as specified on the Office of the University Registrar's website Registrar.IllinoisState.edu.

- I Incomplete—An incomplete (I) will be assigned to a student who is doing passing work but finds it impossible, because of reasons beyond her or his control (such as illness), to complete the required work by the end of the term. The student must have attended class to within three weeks of the close of the semester or to within one week of the close of the summer session.

The instructor may specify the time by which the

required work must be completed, which may be no later than the final class day of the corresponding term of the following academic year. For graduating students, an incomplete grade must be removed at least six weeks before December or May commencement or two weeks before August graduation. **Students will not be allowed to graduate with an incomplete on their record.**

When the Incomplete is assigned, the student, faculty member, and the department chairperson or school director must sign an Incomplete Permit form. The form will specify the date by which the work must be completed, the default grade (A, B, C, D, or F) that will be assigned if the work is not completed by the specified date, and the nature of the required work. If the instructor fails to file the appropriate grade change by the specified date, the Incomplete will lapse to the default grade specified. Exceptions to this policy may be granted by the University Registrar.

AU Audit—An auditor does not participate in the activity of the class but is expected to attend regularly. A student may register as an auditor in a class or classes if space is available. An Audit (AU) designation will appear on the student's transcript when the instructor certifies that the student has attended the class on a regular basis. If the student has not attended regularly, a WX will be recorded on the transcript after the instructor has notified the Registrar's Office in writing that the student has not attended regularly. To audit, a student must obtain a Request for Auditor Registration from the Registrar Service Center or download it at Registrar.IllinoisState.edu, request the instructor sign it and return the signed form to the Registrar Service Center. Students must register to audit a course by the tenth day of classes in the semester, with any exception having the approval of the chairperson of the department or director of the school in which the course is offered and the University Registrar. There is a fee for auditing. Audited courses are considered part of the student's total load.

M Missing—Assigned when no grade has been received after the grade submission deadline has passed.

Grade Point Average: In calculating major and cumulative Grade Point Average (GPA), the grade point equivalents are 4 for A, 3 for B, 2 for C, 1 for D, and 0 for all other grades. The 0 value of F is computed in the student's GPA, the 0 value of grades I, IP, AU, CR, NC, P, NP, M, and WX is not computed in the student's GPA.

To be eligible for graduation, a student must have a minimum grade point average (GPA) of 2.00 (C) in all courses taken at Illinois State University for which grades of A, B, C, D, F are assigned. Certain majors may require a higher GPA for graduation. State licensure requirements in education majors mandate that no course in which a student receives a grade below a C can be used to fulfill a student's required coursework in the program. Failures are considered in the total number of semester hours taken in computing the GPA.

The table below illustrates how grade points are counted to determine the GPA.

Grade Course	Grade	Sem. Hrs. Enrolled	Sem. Hrs. Earned	Sem. Hrs. For GPA	Grade Points
POL 105	D	3	3	3	3
BSC 145	P	2	2	0	0
COM 110	A	3	3	3	12
MUS 139	I	1	0	0	0
CHE 102	B	3	3	3	9
KNR 133	WX	1	0	0	0
IDS 106	NC	1	0	0	0
Totals		14	11	9	24

The GPA is computed by dividing grade points earned by semester hours counted for GPA. In the case above, a GPA of 2.66 is calculated by dividing 24 (total grade points) by 9 (semester hours for GPA). Grades of WX, P, NP, CR, I, and NC do not affect the GPA.

Midterm Grades and Progress Alerts: Midterm grades are requested for all new first-year students as well as other selected student populations for the purpose of early academic intervention or compliance. This report form includes a request for an indication of frequent absences as needed for certain compliance requirements. The request will be sent to faculty in the fifth week of the semester. A second request is sent in the 11th week of the semester only for selected student populations.

ADDITIONAL ACADEMIC REQUIREMENTS

Class Attendance: The attendance regulation of the University is based on two principles. First, students are expected to attend class regularly; and second, students are primarily responsible to the instructor in matters pertaining to class attendance. Every student will be held responsible for class attendance and successful completion of academic work. Attendance regulations are intended to encourage student maturity and are based on the assumption that academic success is the student's primary goal in college.

Illinois State University deeply values and supports the required participation of students in Sanctioned University Activities. Instructors will provide such students with reasonable accommodations for completing missed exams, quizzes, and the like. The Office of the Vice President of Student Affairs will determine Sanctioned University Activities. It is the responsibility of the student to (1) inform instructors of scheduled absences in advance, (2) where possible and as soon as possible, provide a schedule of all semester absences, and (3) arrange to complete missed classroom work. Ultimately, students are responsible for material covered in class. In the event of disagreement regarding this policy, the issue will be directed to the appropriate Associate Vice President for Academic Affairs for arbitration.

The University will accommodate, within reason, students whose religious obligations require absence from class. Students who are unable to attend class or take examinations for religious reasons should consult their instructors in advance about alternative arrangements.

Class Standing: Students in a bachelor's degree program are classified as freshmen, sophomores, juniors, and seniors. A student must have completed 30 semester hours to be classified as a sophomore, 60 hours to be classified as a junior, and 90 hours to be classified as a senior. Students not working toward a degree at Illinois State are listed as Unclassified Students.

75 Hour Limit on Undeclared Student Status: Illinois State University requires all students to have a declared major upon completion of 75 hours of college-level coursework, including transfer credit. **At 75 hours earned, students who are undeclared will have their next semester's schedule dropped unless they successfully complete an appeal process through University College.** To be eligible for financial aid and in order to be consistent with federal financial aid guidelines, Illinois State students with 75 hours or more must be enrolled in a major program leading to a degree. For further information on this policy and on finding and declaring a major, see UniversityCollege.IllinoisState.edu/advising/75.

Major Field(s) of Study: Students may select a major field of study at the time of admission unless the field they choose has special admissions standards. Students who are undeclared majors are encouraged to select a major field of study as soon as possible. The major and minor fields of study available at Illinois State are described later in this catalog. A student may complete the requirements for two majors, both of which will be identified on the student's transcript provided all requirements are completed in both majors and the degree is awarded. When a student double majors, the student indicates only one major for purposes of registration. Unless otherwise specified in a particular program, students may use a specific course to meet requirements for a major and a second major. **Note:** Students completing requirements for two majors are eligible to receive only one degree unless 150 or more hours have been completed. (See A, Total Hours in the Degree Requirements section and Double Majors section in the Academic Policies and Practices section).

Change of Primary or Secondary Major: A student wishing to enter a second major or change majors must consult the chairperson of the department or director of the school (or their designees) offering the major.

Program Specific Admission Criteria: Illinois State University regulates admission to designated programs when the number of students seeking admission exceeds the available educational resources of the department or school. Supplementary selection criteria for admission may need to be met for specific majors.

Dismissal from Major: If a Dismissed student is reinstated to the University, the student will return as an Undeclared major. The student will receive academic advisement from University College Academic Advisement. In order to declare a major in a department or school after being dropped, the student must be accepted by the department or school in which he or she desires to be a major.

Minor Field(s) of Study: Students often elect a minor field of study. A student may elect to complete the requirements for two minors, both of which will be identified on the student's transcript upon receipt of degree. A student wishing to enter a minor, second minor or change minors consults with the academic department(s) offering the minor. Unless otherwise specified in a particular program, students may use a specific course to meet requirements for a minor and a second minor.

Certification Programs: Students who fail to maintain the specific grade point average required by their teaching or other licensure or certification program may be dismissed from that program. At the option of the department or school, students dropped from the program may pursue a degree in their major or be classified as undeclared and will receive academic advisement from University College Academic Advisement. To become a candidate for a licensure or certification program after being dropped, students must be accepted by the department or school in which they desire to pursue a licensure or certification program.

Academic Good Standing: To maintain academic good standing, a student must achieve a minimum cumulative GPA of 2.00. The number of semester hours completed includes all college work done by the student. However, only the grades earned at Illinois State are used in computing the GPA.

"Academic Good Standing" status is necessary for continued enrollment in the University and may be necessary for eligibility to serve on various University committees and for participation in some co-curricular activities. Academic Good Standing status does not guarantee admission to, or retention in, specific departments, schools, or programs. Information concerning admission to and retention in specific programs is listed in this *Undergraduate Catalog* under the appropriate department, school or program descriptions.

For satisfactory progress for financial aid purposes, see Satisfactory Academic Progress Policy in this catalog.

Academic Warning: Each semester (fall and spring), the University identifies students that appear to be in jeopardy of being placed on academic probation. These students will be notified that they are on Academic Warning. Students on Academic Warning can contact University College for guidance on programs and services geared toward improving their academic standing. Information about Academic Warning can be obtained from University College, 324 Fell Hall.

Academic Probation: When a student's cumulative grade point average falls below a 2.00 on a 4.00 scale, they are placed on academic probation. Students on academic probation are required to participate in Project Success - a program designed to assist students in returning to good academic standing. Information about Academic Probation and Project Success can be obtained from University College, 324 Fell Hall.

Academic Dismissal: At the end of any semester, except for summer session, when a student's cumulative grade point average is below a 2.00 a second or subsequent time, he or she is dismissed from the University.

Academic Reinstatement: Students dismissed from the University may petition the Reinstatement Committee for permission to continue. Petitions must be received by the appropriate deadlines to be considered. Additionally, students can access petition information via My.IllinoisState.edu or by visiting the University College website at UniversityCollege.IllinoisState.edu. Students who are reinstated and elect to postpone their enrollment for a future term must reapply for that term.

Only students who have extenuating circumstances or errors in their academic records should plan to petition for reinstatement for the semester following their dismissal.

Former Illinois State Students Seeking Reinstatement After Dismissal: Students wishing to return to Illinois State after being away for one or more semesters must (1) meet university-wide readmission requirements and deadlines; and (2) be reinstated by the University Reinstatement Committee. Application procedures, reinstatement information and deadlines can be found at the Office of Admissions website Admissions.IllinoisState.edu/Returning. Students who are reinstated and elect to postpone their enrollment for a future term must reapply for that term. Reinstated students are required to participate in Project Rebound- a program designed to assist students in returning to Academic Good Standing.

If a student attends any other higher educational institution after dismissal from Illinois State, he or she must indicate such attendance on the readmission application and supply an official transcript from the other school(s). Students must have earned a minimum grade of C average (2.00/4.00) or better for all coursework taken since last attending Illinois State and have been in good academic standing at the last institution attended as a full- or part-time student.

Repeated failures to do satisfactory work may result in permanent exclusion from the University.

New Start: Students who leave Illinois State in a degree program with less than a 2.00 cumulative grade-point average (GPA) may be considered for readmission through New Start. Applicants admitted through this policy will begin with a new cumulative GPA calculated from the point of their reentry.

Students may be considered for readmission through New Start after being away from the University for one full year (Example: A student who last attended the University the Fall 2014 term cannot reenroll through the New Start until the Spring 2016 term.) and only when the requirements of one of the following New Start categories are met:

1. **Non-Traditional Student Option:** Former Illinois State students at least 25 years of age may be considered for readmission through this option. If they have attended any college (including Illinois State) in the

three calendar years preceding re-enrollment at Illinois State, they must have achieved at least a 2.50 GPA for that college work. Transfer credit will be evaluated and appropriately awarded.

2. **Veterans' Option:** Students who complete at least a one-year tour of duty and present a discharge for reasons other than dishonorable, and whose first attendance at a college or university after discharge is at Illinois State, may be considered for readmission through this option.

3. **Community College Transfer Option:** Former Illinois State students who earned 60 or fewer hours at Illinois State prior to enrolling at a community college and who subsequently earn at least 24 hours after being away for one full year and earn a currently accepted associate degree (A.A. or A.S.) from a community college with at least a 2.50 GPA may be considered for readmission through this option. Transfer credit will be evaluated and appropriately awarded.

The application process includes the submission of the application for admission, official academic transcripts from all schools attended since leaving Illinois State, and a statement describing your potential to do well academically as described on the application. In some cases, additional supporting documents may be requested from the University in order to complete your application. NOTE: Meeting the minimum requirements does not guarantee readmission. Students are strongly encouraged to file an application as soon as possible during the priority-filing period for the term for which they are applying. Application deadlines are posted on the Admissions website at Admissions.IllinoisState.edu/Returning and on the application for admission.

Students may exercise New Start only once. Such students will have "New Start" indicated on their transcript. New Start will affect only the cumulative GPA. All grades earned at Illinois State, regardless of when earned, will be used in the calculation of the major GPA, the minor GPA, and graduation honors. Students who are admitted through New Start return on academic probation. Students who reenter under New Start must follow the *Undergraduate Catalog* in effect at the time of reentry. To be eligible for graduation, a student must earn at least 30 semester hours at Illinois State University after exercising New Start.

CONDUCT CODE DISMISSAL

In the event that a student takes any action that creates a substantial risk such that the health or safety of an individual may be compromised and/or the operations of the University are substantially affected the student may be dismissed from the University using the procedures outlined in the Code of Student Conduct.

PROFICIENCY AND PLACEMENT EXAMINATIONS

Students at Illinois State University may receive credit by examination through the following programs: College Level Examination Program (CLEP) General

Examinations, Departmental Proficiency Examinations, CLEP Subject Examinations, and the Advanced Placement program. Students and prospective students are advised to plan their course work and examination attempts carefully because they may not receive credit by examination for a course in which they have been enrolled on the tenth day of classes.

CLEP General Examinations: Illinois State University grants credit by examination toward General Education requirements for the College Level Examination Program under the following guidelines:

1. A student may receive credit for a maximum of 18 semester hours credit through CLEP General Examinations.
2. A student who desires to take the CLEP General Examinations should do so before enrolling for classes at the University.
3. Credit earned through the CLEP General Examinations shall count toward General Education and graduation requirements only. A student may not use the CLEP General Examinations to raise grades or remove failures in courses already taken. All credit for CLEP General Examinations shall be considered credit at the 100-level.
4. A student who is awarded credit in one or more areas of the General Examinations should consult with his or her advisor to select other appropriate basic and advanced courses.
5. A student may not receive credit for both an area of the CLEP General Examinations and previously earned course credit in the same area. For example, a student who earned course credit in the Fine Arts (Art, Music, Theatre and Dance) may not receive credit for a General Examination in the Fine Arts area. Also, credit will not be awarded for the General Examination areas in which credit is earned through Departmental Proficiency Examinations, Advanced Placement Examinations, or CLEP Subject Examinations.
6. Students may take the CLEP General Examinations at Illinois State at times scheduled by the University Testing Office or at any CLEP Open Test Center. Students may contact the University Testing Office, 346B Fell Hall, Campus Box 4060, (309) 438-2100, for further information. Students who take the CLEP examinations are responsible for the cost of the examination.
7. FOR STUDENTS WHO HAVE TAKEN THE CLEP GENERAL EXAMINATIONS PRIOR TO JULY 1, 2001. A student will be awarded 6 semester hours credit toward graduation and General Education requirements for a score of 570 on the Humanities, a score of 610 on the Natural Sciences, and a score of 550 on the Social Sciences and History general examinations passed. Credit will be awarded as follows:

Humanities

3 hours	Fine Arts
and 3 hours	Language in the Humanities

Natural Sciences*

3 hours	Biological Sciences
and 3 hours	Physical Sciences

Social Sciences and History

3 hours	Individuals and Society
and 3 hours	U.S. Traditions

*If CLEP credit is received in both Biological and Physical Sciences the General Education lab requirement will be waived.

NOTE: Credit is not available for the English Composition or Mathematics General Examination.

8. FOR STUDENTS WHO HAVE TAKEN THE CLEP GENERAL EXAMINATIONS JULY 1, 2001, OR AFTER. A student will be awarded 6 semester hours credit toward graduation and General Education requirements for a score of 56 on the Humanities, a score of 65 (56 after May 22, 2006) on the Natural Sciences, and a score of 56 on the Social Sciences and History general examinations passed. Credit will be awarded as follows:

Humanities

3 hours	Fine Arts
and 3 hours	Language in the Humanities

Natural Sciences*

3 hours	Biological Sciences
and 3 hours	Physical Sciences

Social Sciences and History

3 hours	Individuals and Society
and 3 hours	U.S. Traditions

*If CLEP credit is received in both Biological and Physical Sciences the General Education lab requirement will be waived.

NOTE: Credit is not available for the English Composition or Mathematics General Examination.

Students who have taken CLEP General Examinations at another institution may request that scores be submitted to Illinois State by contacting CLEP, P.O. Box 6600, Princeton, NJ 08541-6600 or telephone (609) 771-7865.

CLEP Subject Examinations: In addition to the previously described opportunities provided by the CLEP General Examinations, several departments or schools grant credit by examination in specific subject areas covered by CLEP Subject Examinations. Courses approved for credit under this program are HIS 101 and 102, MAT 145 and 146, POL 105 or 106 (includes U.S. Constitution only), PSY 111, and SOC 106. The University Testing Office, 346 Fell Hall, Campus Box 4060, (309) 438-2100 provides information about test dates and fees.

Departmental Proficiency Examinations: Departmental proficiency examinations are offered in most 100-level and in a limited number of 200-level courses. The purpose of the examinations is to allow stu-

dents to receive credit for knowledge acquired previously and to allow students to enroll in more advanced courses or to add breadth to their academic programs. Proficiency examinations are optional and recommended only for students who are unusually skilled in the discipline in which the examination is taken. Specific information about the nature of a given examination should be obtained directly from the appropriate departmental or school office. Below are University guidelines and procedures relating to proficiency examinations:

- The nature and content of each proficiency examination shall be determined by the department or school in which the course is offered. Standards of performance required for receiving credit in a given course also shall be determined by the department/school offering the course; the level and quality of work required for satisfactory performance on a proficiency examination is equivalent to that required for a grade of C in the course.
- Academic departments shall provide proficiency examinations in most 100-level courses that are regularly listed in the *Undergraduate Catalog*. Students will find a list of courses in which proficiency examinations are offered on the Office of University Registrar's website Registrar.IllinoisState.edu.
- A description of each proficiency examination should be available in the department or school offering the examination. Students should contact the appropriate department chairperson or school director for information about a specific examination, including qualifying experiences.
- All Illinois State University students are eligible to take proficiency examinations.
- Letter grades will not be assigned for proficiency examinations; therefore, the GPA will not be affected.
- Credit earned in proficiency examinations may not be used to raise grades or remove failures in courses in which a student has been enrolled previously.
- No course credit will be awarded for a proficiency examination which is at a lower level than a course previously enrolled in or one that substantially duplicates the content of a course taken previously.
- Students may take a proficiency examination only once.
- Students may register for only one departmental proficiency examination each semester unless examinations are approved in writing by the chairs or directors of the departments or schools where the courses are being offered.
- Students with disabilities should notify the appropriate departmental office of the need for any special accommodations prior to the date of the examination.
- Students should register for an examination online at the Registrar's website at Registrar.IllinoisState.edu.
- Responsibility for the supervision and administration of the proficiency examination program shall rest with the University Registrar or his or her designee.

Advanced Placement Program

Examination	Score for Credit or Exemption	Course for which Credit is Allowed	Semester Hours Awarded
Art Studio-Drawing	5, 4, or 3	ART 104	3 hours
Art Studio-General 2D Design	5, 4, or 3	ART 103	3 hours
Art Studio-General 3D Design	5, 4, or 3	ART 109	3 hours
Art History	5, 4, or 3	ART 155, 156	6 hours
Biology	3	BSC 101	3 hours
	5 or 4	BSC 196 and 197	8 hours
Calculus Test AB	5, 4 or 3	MAT 145	4 hours
Calculus Test BC	5, 4, or 3	MAT 145 and 146	8 hours
Capstone Research Seminar	5, 4, or 3	ENG 101	3 hours
Capstone Seminar	5, 4, or 3	elective	3 hours
Chemistry	5	CHE 140, 141	8 hour
	4	CHE 140	4 hours
	3	CHE 110	4 hours
Chinese Language and Culture	5 or 4	CHI 112, 115	8 hours
	3	CHI 112	4 hours
Computer Science Principles	5, 4, or 3	IT 140	3 hours
Computer Science Test A	5, 4 or 3	IT 168	4 hours
English Lang-Comp	5, 4, or 3	ENG 101	3 hours
English Lit-Comp	5, 4	ENG 125	3 hours
	3	elective credit	3 hours
Environmental Science	5, 4, or 3	HSC 156	3 hours
European History	3	Humanities Gen Ed elective	3 hours
	5 or 4	HIS 101 and 102	6 hours
French Language and Culture	5	FRE 115, 116	8 hours
	4	FRE 112, 115	8 hours
	3	FRE 112	4 hours
German Language and Culture	5	GER 115, 116	8 hours
	4	GER 112, 115	8 hours
	3	GER 112	4 hours
Government & Politics Comparative	5, 4 or 3	POL 140	3 hours
Human Geography	5 or 4	GEO 142	3 hours
	3	elective credit	3 hours
Italian Language and Culture	5	ITA 115, 116	8 hours
	4	ITA 112, 115	8 hours
	3	ITA 112	4 hours
Japanese Language and Culture	5	JPN 115, 116	8 hours
	4	JPN 112, 115	8 hours
	3	JPN 112	4 hours
Latin	5 or 4	LAT 112, 115	8 hours
	3	LAT 112	4 hours
Macro Economics and Micro Economics	5, 4 or 3	ECO 105	4 hours
Macro Economics	5,4, or 3	elective credit	3 hours
Micro Economics	5,4, or 3	elective credit	3 hours
Music Listening and Literature	5, 4, or 3	MUS 152	3 hours
Music Theory	3	MUS 100	1 hour
	5 or 4	MUS 100, 101, 107	4 hours
Physics Test 1	5, 4, or 3	PHY 108	5 hours
Physics Test 2	5, 4, or 3	PHY 109	5 hours
Physics Test C, MECH	5, 4, or 3	PHY 110	4 hours
Physics Test C, E&M	5, 4, or 3	PHY 111	4 hours
Psychology	5 or 4	PSY 110	3 hours
	3	Social Science Gen Ed elective	3 hours

(Continued on next page)

Advanced Placement Program			
Examination	Score for Credit or Exemption	Course for which Credit is Allowed	Semester Hours Awarded
Spanish Language and Culture	5	SPA 115 and 116	8 hours
	4	SPA 112, 115	8 hours
	3	SPA 112	4 hours
Spanish Literature	5, 4, or 3	SPA 233	3 hours
	5, 4, or 3	MQM 100	3 hours
U.S. Government and Politics	5, 4, or 3	POL 106	3 hours
	5 or 4	HIS 135, 136	6 hours
U.S. History	5 or 4	HIS 135, 136	6 hours
	3	US Traditions Gen Ed elective	3 hours
World History	5 or 4	HIS 101	3 hours
	3	Humanities Gen Ed elective	3 hours

Credit for Military Service: Students who have served at least one year of active duty and received an honorable discharge may receive six semester hours of elective credit. To qualify for this credit, a copy of the DD214 should be presented with the application for admission.

Advanced Placement Program: The Advanced Placement Program is sponsored by the College Board. The examinations are administered at designated high school testing centers. Students will be awarded credit or exemption as indicated.

A student who has taken Advanced Placement Program examinations should request that his or her scores be sent to the University Registrar at Illinois State University. To request grade reports for Advanced Placement Examinations completed, a student should write to Advanced Placement Exams, Box 6671, Princeton, NJ 08541-6671. In making the request, the student should include name, sex, date of birth, the year in which the examination was taken, and the name and identification number of the college to which the grade report should be sent. Illinois State University’s identification number is 1319. For more information on Advanced Placement Exams contact the College Board at apcentral.collegeboard.com or call 888-225-5427.

International Baccalaureate Diploma Program: Sponsored by the International Baccalaureate Organization, the program is designed to prepare students for success in the University and beyond in a variety of subjects. A student who has participated in the International Baccalaureate® Diploma Programme should have his or her scores sent to the University Registrar at Illinois State University. For more information please see the International Baccalaureate® Organization website - <http://www.ibo.org/>

The International Baccalaureate (IB) Diploma Program, offers high quality two year programs of study that lead to examinations. Assessments of the examinations are reported as a score via a diploma or individual subject certificates. Students with the appropriate scores will be awarded proficiency for specific International Baccalaureate Program work as indicated in the following chart.

International Baccalaureate Diploma Program				
IB Examination	Level	Score	Course (s)	Semester Hours Awarded
Classical Languages (Latin Language A2-Spanish)	S or H	6,7	LAN 115	4
	S or H	6,7	LAN 116 or LAN 213 or LAN 214	3 or 4
Economics	S or H	6,7	ECO 105	4
Geography	S or H	5,6,7	GEO 140	3
History of Europe and the Islamic World	S or H	5,6,7	HIS 101 or 104.04	3
ITGS (International Technology in a Global Society)	S	5,6,7	IT 214	3
ITGS (International Technology in a Global Society)	H	5,6,7	IT 160	3
Philosophy	S or H	5,6,7	PHI 101	3
Psychology	S	6,7	PSY 110	3
Psychology	H	5,6,7	PSY 110	3
Social and Cultural Anthropology	H	4	ANT 185	3
Social and Cultural Anthropology	H	5,6	ANT 186 or 281	3
Social and Cultural Anthropology	H	7	ANT 186 and 281	6
Biology	H	6,7	BSC 196 and 197	8
Chemistry	H	6,7	CHE 110	4
Physics	S or H	5,6,7	PHY 105	4
Computer Science	S	5,6,7	IT 168 or 177	4
Computer Science	H	5,6,7	IT 178 and 254	6
Mathematics	H	5,6,7	MAT 145	4
Further Mathematics	H	5,6,7	MAT 145 and 146	8
Music – Creating	H	4,5	MUS 205A01	2
Music – Perception	S or H	3,4,5	MUS 152	3
Music – Solo Performing (SLS)	H	4,5	MUS 131-138	3
Music – Solo Performing (SLS)				(assignment based on instrument type)
Music – Group Performance (SLG)	S or H	4,5	MUS 180-188	1
Music – Group Performance (SLG)				(assignment based on group type)

S=Standard Level
H=High Level

GENERAL EDUCATION REQUIREMENTS

General Education provides students with a broad, common foundation of study upon which to build an undergraduate education. The program develops skills of oral and written communication, logical and scientific reasoning, and quantitative analysis. Courses in General Education explore ways of knowing in the various disciplines through examination of significant historical, social, cultural, and scientific issues. Students will take most General Education courses during their freshman and sophomore years, along with some courses in their major or other elective courses.

GENERAL EDUCATION REQUIREMENT OPTIONS

There are three ways to complete general education requirements for Illinois State University. These three general education programs have different requirements and affect only certain types of students.

I. The first way is to complete Illinois State University's General Education Program. The General Education Program requires 13 courses (39 semester hours).

The following categories of students must complete the Illinois State University General Education Program requirements:

1. Beginning Freshmen (see Admissions section of this catalog for complete definition).
2. Students who were admitted as beginning freshmen at Illinois State University, who were readmitted and who have not completed a baccalaureate-oriented associate's degree (A.A. or A.S.) from an Illinois public community college and are not eligible for an earlier catalog.
3. Transfer Students who have not completed a baccalaureate-oriented associates degree (A.A. or A.S.) from a regionally accredited post-secondary institution and who are not eligible to complete the Illinois Transferable General Education core curriculum described below.

II. The second way is to complete the Illinois Transferable General Education Core Curriculum available through the Illinois Articulation Initiative (IAI). This program is a statewide agreement between participating public colleges and universities and some private schools that is designed to facilitate timely degree completion for students who transfer between institutions. The Illinois Transferable General Education Core Curriculum structure consists of 12 to 13 courses (37 to 41 semester credits) distributed among five subject areas. Completion of these courses at any participating institution satisfies general education requirements for Illinois State University. The IAI Transferable Core is presented in the section entitled General Education - Illinois Articulation

Initiative (IAI). (More information about this system and participating institutions can be found at the following website: iTransfer.org.)

The following categories of students may complete the Illinois Transferable General Education Core Curriculum:

1. Transfer students (See Admissions section of this catalog for a complete description) who began the Illinois Transferable General Education Core Curriculum at a participating IAI institution and transferred to Illinois State may choose to complete the program by enrolling in Illinois State approved IAI courses presented in the section entitled Illinois Articulation Initiative Courses at Illinois State. Transfer students should note, however, that IAI course availability may be limited.
2. Transfer students who have completed at least one transfer course that is articulated to an IAI core requirement.
3. Students who have completed the Illinois Transferable General Education Core Curriculum at a participating IAI institution are considered to have met Illinois State University's General Education requirements.

III. There is also a third way in which general education requirements can be met.

Complete a baccalaureate-oriented Associates Degree (A.A. or A.S.) from a regionally accredited post-secondary institution. For those transferring from an Illinois college or university, the A.S. degree must include the complete IAI General Education Core Curriculum (GECC) or the student must complete the GECC to fulfill Illinois State's General Education requirement. Illinois State University accepts the AAT degree as a baccalaureate-oriented degree when the AAT degree includes the IAI transferable core.

Any transfer student may choose to complete Illinois State University's General Education Program and should speak with an academic advisor regarding documentation of that change on their academic record.

GENERAL EDUCATION PROGRAM — ILLINOIS STATE UNIVERSITY

The General Education Program at Illinois State University is an integrated multi-disciplinary set of courses that focuses on the development of communication and problem-solving skills and abilities, such as persuasion, listening, and argumentation; logical and quantitative thinking; and understanding varying perspectives on issues. These skills and abilities provide an essential grounding for work in the student's major as well as transferable skills that will be applied in a future career.

The complete General Education Program consists of 13 courses (39 semester hours), which is approximately one-third of the total credits required for graduation.

50 General Education Requirements

Because of laboratory or recitation requirements, some courses are listed as four or five credit hours in this catalog. All four or five hours will be credited toward graduation requirements, but only three hours will be credited in General Education for these courses.

Students will take most General Education courses during their freshman and sophomore years, along with some courses in their major or other elective courses. While some specific courses are important to take as part of preparation for a major (such as certain mathematics or science courses), the choice of which course to take in each category is a decision for students to make. Students are encouraged to choose courses that will give them the broadest possible foundation and to explore and challenge themselves through their course choices.

Codes used throughout the Illinois State University General Education Program include the following:

FA	Fine Arts
H	Humanities
ICL	Individuals and Civic Life
LH	Language in the Humanities
M	Mathematics
NS	Natural Science
NSA	Natural Science Alternatives
QR	Quantitative Reasoning
SMT	Science, Mathematics, and Technology
SS	Social Sciences
UST	United States Traditions

The Illinois State University General Education Program consists of 13 courses:

Group 1 Courses (7 courses):

These are courses that are specifically selected for first-year students and concentrate on developing skills in oral and written communication, critical analysis, and broad foundations for learning in the academic disciplines.

- a 2-course, first year sequence integrating composition, communication, critical thinking, and information fluency.
- 1 course chosen from the Group 1 mathematics category (M).
- 2 courses chosen from a four-course natural science category (NS) or natural science alternative course (NSA) required by certain majors.
- 1 course chosen from the United States Traditions category (UST).
- 1 course chosen from the Individuals and Civic Life category (ICL).

Group 2 Courses (6 courses):

These are courses suited for the first two years of college. Depending on a student's major and interests, they may be taken in the first year. Some Group 2 courses have a Group 1 course as a prerequisite.

- 1 course chosen from the Fine Arts category (FA). Some courses may have prerequisites.
- 1 course chosen from the Humanities category (H). Some courses may have prerequisites.
- 1 course chosen from the Social Science category (SS). Some courses may have prerequisites.
- 1 course from the Language in the Humanities category (LH). All LH courses are writing-intensive and most require completion of English 101.
- 1 course from the Quantitative Reasoning category (QR). All QR courses require completion of an appropriate course from the Mathematics category.
- 1 course from the Science, Math, and Technology category (SMT). Most courses require completion of at least one course from the Natural Sciences (NS) or Natural Science Alternative (NSA) categories.

General Education Courses by Category:

Communication and Composition (2 courses required)

ENG 101	Composition as Critical Inquiry
COM 110	Communication as Critical Inquiry

Mathematics (1 course required) [M]

MAT 113	Elements of Mathematical Reasoning
MAT 120	Finite Mathematics
MAT 130	Dimensions of Numerical Reasoning
MAT 145	Calculus I

Natural Sciences (2 courses required) [NS]

BSC 101	Fundamental Concepts in Biology
BSC 101A01	Fundamental Concepts in Biology: For Future Elementary Teachers
CHE 102	Chemistry and Society
GEO 102	Principles of Geology
PHY 102	Atoms to Galaxies

Students must complete at least one course from two different sciences. Certain majors require a Natural Science Alternative course that substitutes for the courses above. See individual major requirements.

Natural Science Alternatives [NSA]

BSC 196	Biological Diversity
BSC 197	Molecular and Cellular Basis of Life
CHE 110/112	Fundamentals of Chemistry and Laboratory
CHE 140	General Chemistry I
PHY 105	Fundamentals of Physics
PHY 108	College Physics I
PHY 110	Physics for Science and Engineering I

United States Traditions (1 course required) [UST]

ENG/HIS 131	American Culture: Traditions and Texts
FCS/HIS/	
SOC 112	American Family: Change and Diversity

GEO 142	Human Geography
HIS 135	History of the United States to 1865
HIS 136	History of the United States Since 1865
HIS/SOC 111	American Diversity: Contested Visions of U.S. Experience
SOC 109	Introduction to U.S. Latina/o Studies

Individuals and Civic Life (1 course required) [ICL]

ANT 176	Culture, Power, and Civic Life
CJS 102	Individuals, Society, and Justice
PHI 104	The Ideal of Democracy
POL 101	Citizens and Governance
POL 106	U.S. Government and Civic Practices
SOC 106	Introduction to Sociology

Fine Arts (1 course required) [FA]

ART 155	Survey of Art I
ART 156	Survey of Art II
ART 176	Arts and Society: Visual Arts
ART 275	World Arts: Visual Arts**
MUS 152	Experiencing Music
MUS 153	Black Music I**
MUS 154	Black Music II**
MUS 157	History of Jazz
MUS 176	Arts and Society: Music
MUS 275	World Arts: Music - Non-Music Majors**
MUS 275A01	World Arts: Music - Music Majors**
THE 152	Experiencing Theatre
THE 176A01	Arts and Society: Theatre
THE 176A02	Arts and Society: Film
THE 213	Theatre for Social Change
THE 275A01	World Arts: Theatre**
THE 275A02	World Arts: Film**

The following courses can be counted towards the Fine Arts category. A student must enroll in three of these ensemble courses, at one hour each, in order to meet the requirement.

MUS 139A20	Percussion Ensemble
MUS 139A70	Jazz Ensemble
MUS 139A90	Madrigal Singers
MUS 180	University Choir (Men's and Women's Glee)
MUS 181A01	Marching Band (Big Red Marching Machine)
MUS 181A02	Pep Band
MUS 181A03	University Band
MUS 181A05	Wind Symphony
MUS 181A06	Symphonic Winds
MUS 181A07	Sumphonic Band
MUS 182	Symphony Orchestra (strings)
MUS 182A02	Symphony Orchestra (winds and percussion)
MUS 184	Concert Choir
MUS 185	Men's Glee
MUS 186	Women's Choir (Belle Voix)
MUS 188	Civic Chorale
MUS 239A20	Percussion Ensemble

MUS 239A70	Jazz Ensemble
MUS 281A01	Marching Band (Big Red Marching Machine)
MUS 281A02	Pep Band
MUS 281A05	Wind Symphony
MUS 281A06	Symphonic Winds
MUS 281A07	Symphonic Band
MUS 282	Symphony Orchestra (strings)
MUS 282A02	Symphony Orchestra (winds and percussion)
MUS 284	Concert Choir
MUS 285	Men's Glee
MUS 286	Women's Choir (Belle Voix)
MUS 288	Civic Chorale

Humanities (1 course required) [H]

ENG 110	English Literature and Its Contexts
ENG 150	World Literature to the 14th Century
ENG 229	Introduction to Literary Genres
ENG 250	Literature of the Bible I
ENG 251	Literature of the Bible II
ENG 261	Women's Literature in a Global Context
ENGLAN206	Cultural Expressions in Social Contexts: Women of Asia, Latin America, and Africa**
HIS 101	Western Civilization to 1500
HIS 102	Modern Western Civilization
HIS 104	History of Asia, Middle East, Africa, Latin America, or Indigenous Peoples**
HIS 107	The Making of Europe
IDS 112	European Studies: Introduction to Europe
IDS 133A09	Study Abroad: Argentina History, Culture and Society
IDS 203	Nations and Narrations **
IDS 207	Representation, Knowledge, and Power
PHI 101	Basic Issues in Philosophy
PHI 150	Science and Human Culture
PHI 202	Sex, Values, and Human Nature
PHI 224	Meaning and Religious Belief
PHI 238	Rights and Wrongs
PHI 251	Visions of the Self: A Study of Minds and Persons

Language in the Humanities (1 course required) [LH]

COM/ENG/	
LAN 128	Gender in the Humanities
ENG 124	Film Style and Literature
ENGLAN 125	Literary Narrative
IDS 121	Texts and Contexts
IDS 212	European Studies: Europe Today
IDS 254	Religions and Cultures
ITN 116	Second Year Italian (Part II)
FRE 116	Second Year French (Part II)
GER 116	Second Year German (Part II)
SPA 116	Second Year Spanish (Part II)
JPN 116	Second Year Japanese (Part II) **
SPA 120	Introduction to Academic Spanish for Spanish Speakers

Quantitative Reasoning (1 course required) [QR]

Students pursuing a B.A. degree must complete the equivalent of LAN 115 or higher rather than one of these courses.

BE/FIL 141	Personal Financial Literacy for the College Student
ECO 138	Economic Reasoning Using Statistics
GEO 138	Quantitative Reasoning in the Geosciences
IT 115	Reasoning About Complex Systems
MAT 121	Applied Calculus
MAT 131	Geometric Reasoning: Geometry as Earth Measures
MAT 146	Calculus II
MAT 150	Fundamentals of Statistical Reasoning
MQM 100	Statistical Reasoning
PHI 112	Language, Logic, and Mathematics
PHY 117	Numerical Reasoning in Nature and Technology
POL 138	Quantitative Reasoning in Political Science
PSY 138	Reasoning in Psychology Using Statistics

Science, Mathematics, and Technology (1 course required) [SMT]

AGR 203	Agriculture and the Environment
ANT 102	Human Origins: An Introduction to Biological Anthropology and Archaeology
BSC 145	Human Biology
BSC 160	Microbiology and Society
BSC 170	Genetics and Society
BSC 202	Human Ecology
CHE 204	Chemistry of Life
FCS/HSC/ KNR 208	Dynamics of United States Contemporary Health Issues
GEO 202	Evolution of the Earth
GEO 207	Natural Disasters
GEO 211	Earth's Dynamic Weather
HSC 156	Environmental Health in the 21st Century: Meeting the Global Challenge
IDS 265	Introduction to Cognitive Science: Computers, Minds, Brains, and Robots
IT 140	Interacting in a Digital World
IT 214	Social, Legal, and Ethical Issues in Information Technology
PHY 205	Origin of the Universe
PHY 206	Chaos and Complexity
PHY 207	Energy and the Environment
PHY 208	Astronomy and Space Science
TEC 170	Energy for a Sustainable Future
TEC 275	Technology and Quality of Life

Social Sciences (1 course required) [SS]

AGR 201	Resources, Food, and Society: A Global Perspective
ANT/ENG/ LAN 143	Unity and Diversity in Language
ANT 185	Cultures of the World: An Introduction to Cultural and Linguistic Anthropology**

ECO 103	Individual and Social Choice
FCS 222	Cultural Diversity in Dress
FCS 224	Enduring Issues for Couples and Families
GEO 135	World Geography **
GEO 235	Geography of Emerging Areas**
HSC 170	Safety and Society
HIS 264	History of Women in North America
IDS 111	Peace Studies
IDS 113	The Entrepreneurial Mindset
POL 140	Introduction to the Politics of Africa, Asia, and Latin America **
PSY 110	Fundamentals of Psychology
PSY/SOC 223	Social Psychology
SOC 108	Contemporary Social Problems in Global Perspective
SOC 220	Global Social Change: An Introduction to Macrosociology**
SOC 240	People in Places: Understanding and Developing Community
WGS 120	Women, Gender, and Society

****Courses with Global Studies designation, indicating a focus on cultures of Asia, the Middle East, Africa, Latin America, or the indigenous peoples of the world.** Students not satisfying the Global Studies graduation requirement through a major course should choose one of these courses to fulfill an Illinois State University graduation requirement.

Illinois State University offers several study abroad programs that feature a wide variety of General Education courses. Interested students should contact their academic advisor or the Office of International Studies and Programs.

Students must comply with the following requirements:

- Complete the General Education Program through completion of at least 13 courses (39 semester hours), as designated in the program description.
- No Group 1 course may be taken under the CT/NC option. If a General Education course is required by a major, that course may not be taken CT/NC; it must be taken for a grade.
- Students must complete at least one course from two different sciences. Certain majors require a Natural Science Alternative course that substitutes for a Natural Science course. See individual major requirements.
- Depending on their major, students may be exempted from one General Education category (maximum of one course) because of disciplinary expertise gained in their major listed below:

General Education Category Exemptions by College and Major Program:**College of Applied Science and Technology**

AGR	All major programs	QR
CJS	All major programs	None
FCS	Food, Nutrition and Dietetics	None
	Apparel Merchandising and Design	None
	Human Development and Family Resources	SS
	Interior and Environmental Design	SS
	Teacher Education	None

HSC	Clinical Laboratory Science	SMT
	Environmental Health	QR
	Health Education	ICL
	Health Information Management	SMT
	Safety	SMT
IT	All major programs	SMT
KNR	All major programs	SMT
TEC	Industrial Technology	SMT
	Construction Management	SMT
	Engineering Technology	SMT
	Graphic Communications	SMT
	Renewable Energy	None
	Technology and Engineering Education	SMT

College of Arts and Sciences

ANT	All major programs	None
BSC	All major programs	SMT
CHE	All major programs	SMT
COM	All major programs	QR
CSD	All major programs	SMT
ECO	All major programs	QR
ENG	All major programs	LH
GEO	Geography	SS
GEL	Geology	SMT
HIS	All major programs	UST
LAN	French all sequences	H
	German all sequences	H
	Spanish all sequences	H
MAT	All major programs	SMT
PHI	All major programs	H
PHY	All major programs	SMT
POL	All major programs	ICL
PSY	All major programs	SS
SWK	(B.S.W.)	None
SOC		None

College of Business

All major programs	SS
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College of Education

SED	All -major programs	None
TCH	Early Childhood Education	SS
	Elementary Education	SS
	Middle Level Education	None

College of Fine Arts

ART	All major programs	FA
MUS	All major programs (except teacher education)	FA
	Music Teacher Education	SS
THD	All major programs	FA

Mennonite College of Nursing

NUR	All major programs (one course only)	NS
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— No First-Year Core course may be taken under the CT/NC option.

Program Assessment: Illinois State University is committed to continuous assessment of the General Education program in an effort to gain valuable information so that necessary improvements can be made to the curriculum. As a part of the General Education assessment process on our campus, students may be asked by a faculty member to submit anonymously a copy of their work to be included in the General Education Institutional Artifact Portfolio (IAP). Submitting an artifact of student work for the General Education IAP will in no way affect a student's final grade on the assignment. Faculty will grade the assignment independent of the General Education IAP system. Results from the General Education IAP process are reported in aggregate to the Council on General Education for the primary purpose of improving the General Education program. The artifacts provided for the General Education IAP are in no way linked to individual students. For the purpose of General Education assessment the unit of analysis is the institution, not the individual student, faculty member, or class.

Transferring General Education Courses— Illinois Articulation Initiative

The Illinois Articulation Initiative (IAI) is a statewide agreement among the more than 100 public and some selected private four-year and two-year higher education institutions. The agreement is designed to facilitate students transferring between the colleges and universities in Illinois. The Illinois Transferable General Education Core curriculum consists of 12 to 13 courses (37 to 41 hours of credit) within a five-category designation. The general requirements are as follows:

Communication:	3 courses (9 credits)
Humanities and Fine Arts:	3 courses (9 credits)
Mathematics:	1 to 2 courses (3 to 6 credits)
Physical and Life Sciences:	2 courses (7 to 8 credits)
Social and Behavioral Sciences:	3 courses (9 credits)

IAI policy is presented on the website, iTransfer.org, and Illinois State University's implementation requirements are published below. Students who transfer out of Illinois State will be held to the requirements of their transfer institution.

General Education Options for Transferring Students

New transfer students have the option of completing either Illinois State's General Education program or the Illinois Transferable General Education Core Program (IAI). NOTE: To be eligible for IAI, at least one transfer course must have been articulated to an IAI core requirement. Transfer students who have satisfactorily completed at least one course within the Illinois Transferable General Education Core are allowed to complete this program by enrolling in approved IAI courses at Illinois State University. Students should note, however, that IAI course availability may be limited.

CLEP

Illinois State policies on CLEP credit will be used to meet Illinois Transferable General Education Core requirements.

WAIVERS IN THE ILLINOIS TRANSFERABLE GENERAL EDUCATION CORE

If a student satisfactorily completes the objectives of a General Education Core area but earns fewer hours than required, the remaining hours for that area can be waived. However, students must complete the minimum of 12 courses, 37 hours, and the number of courses required in each area of the Core. Fractional hours can also be waived, but the minimum 37 hour total is still enforced.

For those students eligible to complete the Core, a transfer course articulated as an Illinois State University course approved for the Illinois Transferable General Education Core Curriculum will be applied toward the Core. Any course from a participating school approved by an IAI curriculum panel may be applied even if not articulated to an Illinois State course. Acceptance and placement of transfer credit as an elective from a non-participating IAI institution is only applicable to meet Illinois Transferable General Education Core (IAI) requirements at Illinois State University. Students should consult their academic advisor regarding the application for waivers.

Effective May 1999, a student transferring to another institution, who has completed at least 37 semester hours, may request an audit, via a transcript request, of his or her records for completion of the Illinois Transferable General Education Core Curriculum. If complete, the University will certify completion of the Illinois Transferable General Education Core requirements on the Illinois State transcript.

Students transferring to Illinois State are required to fulfill all University graduation requirements.

Illinois Articulation Initiative Course Requirements:

Regardless of category placement, a student may count no more than two courses from a single discipline to fulfill the General Education Core Curriculum requirements. Only one course assigned to an IAI course number may be used to fulfill a requirement (For example, since HIS 104A01 and HIS 104A03 both carry the IAI number of H2 903N, only one may be used).

Illinois State University courses approved for the IAI General Education Core Curriculum are listed officially on the IAI website, iTransfer.org. The following list of courses is provided for convenience only. Some courses may have been added or deleted since the publication of this catalog.

Communication

(3 courses, 9 semester hours)

A grade of C or better required in C1 900, ENG 101, and C1 901R, ENG 145.

For students with appropriate preparation, Illinois State will waive C1 900. A minimum of 12 courses and 37 semester hours is still required.

IAI Course Number and IAI Title	Illinois State Course and Semester Hours
C1 900 Writing Course Sequence	ENG 101 (3)
C1 901R Writing Course Sequence	ENG 145 (3)
C2 900 Oral Communication	COM 110 (3)

Mathematics

(1 course, 3 semester hours)

M1 900 College Level Calculus	MAT 121 (4)
M1 900 1 College Level Calculus I	MAT 145 (4)
M1 900 2 College Level Calculus II	MAT 146 (4)
M1 900 3 College Level Calculus III	MAT 147 (4)
M1 902 General Education Statistics	ECO 138 (3) PSY 138 (3) MQM 100 (3)
M1 902 Statistical Reasoning	
M1 903 Mathematics for Elementary Teaching I and II (limited to Elementary Education Majors)	MAT 152 (3)
M1 904 General Education Mathematics	MAT 113 (4)
M1 906 Finite Mathematics	MAT 120 (4)

Physical Sciences and Life Sciences

(2 courses, 7 semester hours)

Students with appropriate preparation may substitute an initial course designed for science majors. One Life Science and one Physical Science course is required, of which one must be a lab (indicated by an L, e.g. P1 901L or L1 900L).

IAI Course Number and IAI Title	Illinois State Course and Semester Hours
P1 900L General Education Physics	PHY 105 (4) PHY 108 (5)
P1 901L Physics and Society	PHY 102 (3)
P1 902 General Education Chemistry	CHE 110 (4)
P1 902L General Education Chemistry	CHE 112 (1) CHE 140 (4) CHE 204 (3)
P1 903L Chemistry and Society	CHE 102 (3)
P1 907L Introduction to Geology	GEO 102 (3)
P1 909 Earth Systems Science	GEO 100 (4)
P2 900L Calculus-based Physics I	PHY 110 (4)
L1 904 Human Biology	BSC 145 (3)
L1 906 Heredity and Society	BSC 170 (3)
L1 900L General Education Biology	BSC 101 (3)
L1 910L General Biology (majors only)	BSC 196 (4) BSC 197 (4)

Humanities and Fine Arts

(3 courses, 9 semester hours)

One Humanities and one Fine Arts course required.

H1 900 Foreign Language IV	LAN 116 (4)
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H1 900	Italian 2nd Year Part II	ITN 116 (4)	S6 902	Life-Span Developmental Psychology	PSY 213 (3)
H1 900	French 2nd Year Part II	FRE 116(4)	S7 900	Introduction to Sociology	SOC 106 (3)
H1 900	German 2nd Year Part II	GER 116 (4)	S7 901	Social Problems	SOC 108 (3)
H1 900	Spanish 2nd Year Part II	SPA 116 (4)	S7 902	Marriage and Family	FCS 224 (3)
H1 900	Japanese 2nd Year Part II	JPN 116 (4)**	S8 900	Social Psychology	PSY 223 (3)
H2 901	Western Civilization I	HIS 101 (3)+++			SOC 223 (3)
H2 902	Western Civilization II	HIS 102 (3)+++			
H2 903 N	Non-Western Civilizations	HIS104A01 (3)**			
		HIS 104A02 (3)**			
		HIS 104A03 (3)**			
		HIS 104A04 (3)**			
		HIS 104A05 (3)**			
H2 904	U.S. History/Civilization I	HIS 135 (3)+++			
H2 905	U.S. History/Civilization II	HIS 136 (3)+++			
H3 910D	American Ethnic Literature	ENG 165 (3)			
H3 911D	Literature and Gender	ENG 160 (3)			
		COM 128 (3)			
		ENG 128 (3)			
		LAN 128 (3)			
H3 912	Survey of British Literature I	ENG 110 (3)			
H3 914	Survey of American Literature I	ENG 130 (3)			
H4 900	Introduction to Philosophy	PHI 101 (3)			
HF 900	Humanities Survey I	ENG 131 (3)			
		HIS 131 (3)			
F1 900	Experiencing Music	MUS 152 (3)			
F1 905D	Ethnic Traditions in American Music	MUS 153 (3)**			
		MUS 154 (3)**			
F1 907	Experiencing Theatre	THE 152 (3)			
F1 909D	Ethnic Traditions in American Theatre	THE 154 (3)			
F2 901	History of Western Art I	ART 155 (3)			
F2 902	History of Western Art II	ART 156 (3)			
F2 905	Film Appreciation	THE 170 (3)			

** Courses designated specifically to examine aspects of human diversity from a non-U.S./non-European perspective. One such course is a graduation requirement for Illinois State University.

+++ Western Civilization (H2 901 or S2 902 and H2 902 or S2 903) and American/U.S. History (H2 904 or S2 900 or S2 901) can be used in the IAI category approved by the college or university offering the course or in the category in which the articulated course equivalent was approved at the receiving institution.

Social and Behavioral Science

(3 courses, 9 semester hours)

Two disciplines must be represented from the following list: Anthropology (S1), History (S2), Economics (S3), Geography (S4), Politics and Government (S5), Psychology (S6), Sociology (S7), Social Psychology (S8).

IAI Course Number and IAI Title	Illinois State Course and Semester Hours	
S3 900	Principles of Economics	ECO 105 (4)
S4 900N	Introduction to Human Geography	GEO 135 (3)**
S5 900	American/U.S. National Government I	POL 106 (3)
S5 904N	International Relations	POL 151 (3)**
S5 905	Non-Western Comparative Government	POL 140 (3)**
S5 905	Comparative Government	POL 141 (3)
S6 900	General Psychology	PSY 110 (3)
		PSY 111 (4)

UNIVERSITY-WIDE TEACHER EDUCATION PROGRAMS

Chair, Council for Teacher Education: Perry Schoon,
Dean, College of Education
506 DeGarmo Hall, Campus Box 5300; (309) 438-5415

Website: Education.IllinoisState.edu/teacher_education/

REALIZING THE DEMOCRATIC IDEAL: TEACHER EDUCATION AT ILLINOIS STATE UNIVERSITY

Illinois State University has a historic and enduring commitment to prepare teachers and other school personnel who will be responsive to the ethical and intellectual demands of a democratic society. To teach in a democracy is self-consciously to take up the challenge of improving the ethical and intellectual quality of our societal dialogue by including in it as many educated voices as possible.

The democratic ideal unites caring and knowing: the more voices we call into thoughtful dialogue, and the less fettered the mutual exchange among those voices becomes, the truer our convictions and conclusions will be. This is the foundation of a democratic society, and it is why Illinois State graduates aspire to teach everyone, especially those on the margins, those who have been or are in danger of being excluded.

This democratic conception of education informs all aspects of teacher education at Illinois State University. Graduates who are ready to meet the challenges and rewards of serving students in a democratic society embody the ethical and intellectual commitments of teaching and learning in order to realize the democratic ideal.

The ethical commitments are:

- Sensitivity toward the varieties of individual and cultural diversity
- Disposition and ability to collaborate effectively with others
- High regard for learning and seriousness of personal, professional, and public purpose
- Respect for learners of all ages, with special regard for children and adolescents.

The intellectual commitments are:

- Wide general knowledge and deep knowledge of the content to be taught
- Knowledge and appreciation of the diversity among learners
- Understanding of the factors that affect learning and appropriate teaching strategies
- Interest in and ability to seek out informational, technological, and collegial resources
- Contagious intellectual enthusiasm and courage enough to be creative.

PERFORMANCE-BASED ASSESSMENT SYSTEM

Effective Fall 2002, the Council for Teacher Education implemented the Teacher Education Performance-Based Assessment System (PBA). This system meets accreditation standards, as stipulated by the Illinois State Educator Preparation and Licensure Board (ISEPLB) and the National Council for the Accreditation of Teacher Education (NCATE). The performance-based assessment system is reviewed by the University Teacher Education Assessment Committee, which reports to the Council for Teacher Education. The Council for Teacher Education approves changes to the system.

The Performed Based Assessment system (PBA) establishes critical points at which candidates for teacher licensure will be assessed through three gateways:

Gateway 1: Admission to Professional Studies

- Teacher Education Orientation Workshop (PBA)
- ePortfolio Fundamentals Workshop (LiveText)
- Criminal Background Check(s) - All teacher candidates will be required to complete an **annual** Illinois State Police Fingerprint Criminal Background Check for Illinois State University. Results of this Criminal Background Check (CBC) must be submitted and on file in the Cecilia J. Lauby Education Center (DeGarmo Hall 56). Additionally, the schools in which the teacher candidate will complete their clinical experiences and student teaching assignment(s) will require their own criminal background check be completed.
- Criminal History Check (assessment of Legal and Ethical Conduct form)
- Test of Academic Proficiency or SAT/ACT
- Major and cumulative GPA of 2.5 or higher (except for Mathematics and Chemistry)
- Communication 110 with a grade of C or better
- English 101
- 30 hours of course work
- Safety Education Assessment
- Mandatory Reporter of Child Abuse Training
- Disposition/Communication Concerns Assessments
- Department approval

Gateway 2: Admission to Student Teaching

- Meet Gateway 1 requirements prior to beginning Gateway 2
- Major/Cumulative GPA requirement
- ISBE State Content Test
- TB Test
- Clinical Experience Hours
- Disposition/Communication Concerns Assessments
- Department approval
- Verified by the Teacher Education Center the semester prior to student teaching:

- The Illinois Sexual Offender Registry
- Clear Violence Against Youth Registry

Gateway 3: Exit from Student Teaching

- All education majors must meet the listed requirements in order to graduate and get licensed
- Student Teaching (with a grade of C or better)
- 50 clinical hours in diverse setting
- Disposition/Communication Concerns Assessments
- edTPA

The PBA system ensures that candidates possess the knowledge, skills, performances, and dispositions requisite for successful teaching careers. When Illinois State University recommends a candidate for teacher licensure, the entire university has participated in the preparation of that teacher.

Teacher candidates will be required to attend a workshop on this performance-based assessment early in their education program. At this workshop students will be provided with the information required for them to thoroughly understand the requirements, and how to monitor their progress. Failure to complete certain indicators at required times could delay progress in the intended major. Details regarding the performance-based system can be found at: Education.IllinoisState.edu/teacher_education/orientation/, the Teacher Education (PBA) Orientation Workshop website.

The Council for Teacher Education reserves the right to modify performance assessment indicators in response to state and national accreditation mandates to reflect current practice in the teaching profession. Teacher candidates should consult their program advisors for specific requirements for their major.

TEACHER EDUCATION PROGRAMS APPROVED BY THE ILLINOIS STATE EDUCATOR PREPARATION AND LICENSURE BOARD (ISEPLB)

The following is a list of education programs offered by Illinois State University which may lead to licensure. For specific courses and program details, please consult the following website: Education.IllinoisState.edu/academics/majors/index.

- Art
- Business Education
- Communication Studies
- Dance Education
- Early Childhood Education
- Elementary Education
- English and Language Arts
- French
- Family and Consumer Science
- German
- Health Education
- Mathematics
- Middle Level Teacher Education
- Music
- Physical Education

- Science: Biology
- Science: Chemistry
- Science: Earth Space
- Science: Physics
- Social Science: Geography
- Social Sciences: History
- Spanish
- Special Education - Learning Behavior Specialist, Low Vision Blind Specialist, Deaf and Hard of Hearing Specialist
- Technology Education
- Theatre

The Illinois State Board of Education (ISBE) grants teacher/school licenses in the State of Illinois. All teacher candidates who successfully complete an approved teacher education program at Illinois State University, pass appropriate licensure exams, and meet ISBE requirements should be granted a license. This does not lead to licensure in other states. Teacher candidates are responsible for checking the requirements of the state in question.

NOTE: Teaching licenses are available at the graduate level for Reading Specialist, Learning Behavior Specialist II, School Psychologist, Speech and Language Impaired, School Social Worker, and School Administration.

Each student who completes a bachelor's degree program in an approved Teacher Education program, and who is recommended for licensure by the licensure officer at Illinois State University as having completed all requirements (General Education, Professional Education, field of study or area of specialization, and general teacher education requirements, and all other applicable degree requirements), is recommended for a teaching license in the State of Illinois. The Evaluations Office at Illinois State University will notify students as to the correct procedures for applying for the appropriate Illinois teaching license. In order to satisfy Illinois licensure requirements and Illinois State University's Gateway System requirements, all candidates must pass a test of basic skills (reading, writing, language arts, and mathematics), a subject matter knowledge test, and the edTPA, which are administered by the Illinois State Educator Preparation and Licensure Board. Effective September 1, 2015, students will be assessed using the (edTPA) on teacher effectiveness and each candidate must complete and pass the edTPA as required by Illinois law (105ILCS5/21B-30(f)). Additional tests may be required for select licensure programs and additional endorsements.

Students who have already completed one or more non-teaching degrees and now seek admission to a teacher education program are advised to seek admission to the University as a candidate for a second bachelor's degree. Subsequent transcript analysis may determine that a second degree is not required. In this instance, the student will be allowed to complete the requirements for licensure without completing the requirements of the second bachelor's degree.

Students who complete a bachelor's degree program in Teacher Education at Illinois State University have their

transcripts stamped “Student has completed a state and NCATE approved program in Teacher Education.” (NCATE is the National Council for Accreditation of Teacher Education.) This statement indicates that the program has received state approval and national accreditation. This status usually makes it easier to obtain a teaching license in another state.

General Education: As part of the entitlement program, the Illinois State Educator Preparation and Licensure Board will accept the same general education requirements for licensure as are accepted for graduation from that university.

Endorsements: The minimum requirements for all teaching fields and all endorsements are defined by the State of Illinois. One or more endorsements may be earned along with the completion of the teaching major by taking additional courses and a possible state test. Students should contact an advisor for information on requirements for endorsements.

Council for Teacher Education: The Council for Teacher Education is responsible for developing requirements for Teacher Education and for providing avenues of communication among all of the areas of the University concerned with teacher education.

Time Limit on Teacher Education Courses: In order to provide teacher candidates with current information and meet required standards, all undergraduate teacher education courses have a longevity of seven (7) years. Any teacher education program reserves the right not to accept any course older than seven years to fulfill the requirements of their program. If a course has been taken beyond a seven year period, the course may not count towards the education degree.

Dismissal from Programs: Teacher candidates who fail to comply with teacher education requirements required by their teaching major, or licensure program, may be dismissed. At the option of the department or school, teacher candidates dropped from the program may pursue a degree in their non-teaching major or be classified “undeclared.”

If a student is dismissed from a teacher education program they have a right to appeal this decision to the Council for Teacher Education. The appeal process is outlined under the heading “Rights and Responsibilities” on the website: Education.Illinois.State.edu/teacher_education/clinical/rights.shtml. **NOTE:** Teacher candidates convicted of certain types of crimes may not be approved for licensure by the Illinois State Educator Preparation and Licensure Board.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral

parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Every program has a required set of clinical hours which will be completed in conjunction with specific courses. Of these pre-student teaching clinical hours, 50 hours must be in a diverse setting. Prior to beginning any clinical experience and student teaching, every teacher candidate must complete an **annual** Illinois State Police Fingerprint Criminal Background Check for Illinois State University. Results of this Criminal Background Check (CBC) must be submitted and on file in the Cecilia J. Lauby Teacher Education Center (56 DeGarmo Hall). Additionally, the schools in which the teacher candidate will complete their clinical experiences and student teaching assignment(s) may require their own criminal background check be completed.

Please refer to the following website for details concerning diverse hours: Education.IllinoisState.edu/teacher_education/clinical.

STUDENT TEACHING REQUIREMENTS

During the student teaching semester the teacher candidate will be involved with directing the learning of pupils, participating in school and community activities, and assuming full responsibility for a group of learners under the

supervision of an expert teacher. Student teaching assignments are made on the basis of the teacher candidate's area of specialization.

The number of semester hours required for student teaching varies with the teacher candidate's program of study. The student teaching assignment is completed in the candidate's major field of study and is the culminating experience in the teacher education program.

The following requirements must be met prior to participation in student teaching.

1. Approval for student teaching by the Director of The Cecilia J. Lauby Teacher Education Center. This approval will include verification of all of the following:
 - a. Completion of pre-student teaching clinical experiences commensurate with the local, state, and national standards;
 - b. An application for student teaching filed in The Cecilia J. Lauby Teacher Education Center at least 6 months prior to the planned student teaching semester;
 - c. Satisfactory completion of prerequisite courses to STT 399. (See University-wide courses);
 - d. Meeting all requirements for Admission to Professional Studies (Gateway 1) and Admission to Student Teaching (Gateway 2) as stated in the Performance-based Assessment System. All requirements for Admission to Student Teaching must be met by December 15 for student teaching during the spring semester and by July 15 for student teaching during the fall semester.
2. Approval for student teaching by the candidate's major department chairperson or school director or designee. This approval may be based on the following criteria that the teacher candidate:
 - a. has demonstrated content knowledge in the student's major area of study;
 - b. has a grade of C or better in all major coursework and all professional education coursework;
 - c. has completed a minimum of 15 semester hours at Illinois State University;
 - d. possesses professional knowledge necessary for performing teaching responsibilities;
 - e. has performed at an acceptable level during the pre-student teaching clinical experiences;
 - f. shows evidence of professional characteristics and interpersonal skills necessary for working with children and youth; and
 - g. has completed all other departmental or school requirements, including a minimum major GPA (see major department or school for additional requirements).

Student Teaching Assignments

The University will assign student teachers to selected schools or professional development schools (PDS) in Illinois during regular semesters. Personnel of The Cecilia J. Lauby

Teacher Education Center, in cooperation with the major department or school, secure the student teaching placement(s). Teacher candidates may not self-place and are responsible for their own living arrangements and transportation to and from the student teaching location. Student teachers are assigned only to classrooms that have regularly employed full time and fully qualified teachers. Assignments are not made to a school in which the teacher candidate or a family member is currently or has been employed. A student teacher may not receive a salary or an income for student teaching.

During the student teaching semester, the teacher candidate works with one or more cooperating teachers who are responsible for teaching a specific group or groups of pupils. These cooperating teachers, along with the University supervisors, have responsibility for guiding and evaluating the work of the student teachers. During this experience, the student teacher becomes a member of the school staff and the community in which he or she is working. Any student teacher who is unable to continue their student teaching assignment should consult with the Director of the Cecilia J. Lauby Teacher Education Center immediately. Any student with a disability who needs a reasonable accommodation to complete their student teaching assignment should contact Disability Concerns as soon as possible at 350 Fell Hall, (309) 438-5853, or visit the website at DisabilityConcerns.IllinoisState.edu.

The Director of The Cecilia J. Lauby Teacher Education Center, upon the recommendation of the college supervisor, chairperson or director of the student's major department or school administrator, may remove a student from the assignment. A student teacher may be required to do additional course work, engage in remedial activities, and/or complete an extended or additional student teaching experience until the candidate is sufficiently competent to be recommended for licensure.

Student teaching assignments begin and end on the dates indicated in the student teacher's official notice of assignment. The student teacher is expected to follow the calendar of the school in which they are completing their student teaching assignment including vacations and school holidays. Changes in dates involved in an assignment must receive prior permission of the Director of The Cecilia J. Lauby Teacher Education Center.

To be eligible for licensure, a teacher education candidate must earn a grade of C or better in student teaching in order to meet all requirements for Gateway III: Exit from Student Teaching.

Graduation Requirement for All Teacher Education Majors:

All teacher candidates must graduate with a minimum cumulative and major GPA of 2.50.

Licensure for Persons Who Have Been Convicted of a Crime:

Entitlement for licensure is not an automatic procedure. The Undergraduate Evaluation Office will notify the Illinois

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State Board of Education when an Illinois State University candidate has completed all major degree requirements and all requirements identified in the Performance-based Assessment System for all teacher education candidates. The Illinois State Board of Education makes the final decision in awarding of a teaching license. Additional considerations may preclude Illinois licensure.

If the answer to any of the statements below is “yes,” the teacher candidate may not be eligible for licensure in the State of Illinois. All statements refer to offenses in Illinois or any other state.

1. Have you ever had a teaching license or certificate denied, suspended or revoked in any state or country?
2. Have you failed to file a tax return with the Illinois Department of Revenue, or failed to pay any tax, penalty, or interest owed or any final assessment of same for any tax as required by law administered by that Department that was not subsequently resolved to the Department’s satisfaction?
3. Have you ever been indicted as a perpetrator of child abuse or neglect by a state agency responsible for child welfare?
4. Are you in default on an Illinois student loan for which you have failed to establish a satisfactory repayment plan with the Illinois Student Assistance Commission?
5. Do you have a child support order and/or are more than 30 days delinquent in complying with a child support order?

6. Have you ever been convicted of any of the following:
 - a. Felony
 - b. Sex Offense
 - c. Drug or narcotic offense
 - d. Any other criminal offense in any state or federal court (other than minor traffic violations)

If the teacher candidate answered “yes” to any of the above, he or she must contact the Director of The Cecilia J. Lauby Teacher Education Center, 56 DeGarmo Hall, prior to application for Admission to Professional Studies.

COMPLAINTS REGARDING TEACHER EDUCATION MATTERS

For information on how to appeal department, college or university decisions regarding admission, retention, evaluation, and licensure relative to Teacher Education, please review the procedures found on the following website and contact the Cecilia J. Lauby Teacher Education Center, 56 DeGarmo Hall: Education.IllinoisState.edu/teacher_education/clinical/rights.shtml.

All teacher education appeals will be reviewed by the Teacher Education Review Board/Council for Teacher Education.

INTERDISCIPLINARY STUDIES PROGRAMS AND COURSES

Illinois State University offers major and minor programs that allow students to synthesize knowledge that spans two or more academic disciplines. Each interdisciplinary program is directed by a faculty member. Faculty from across the University deliver courses within these programs. In addition, the University offers interdisciplinary (IDS) courses that transcend the boundaries of a single discipline.

The following courses, majors, minors, and requirements may apply and be available to students from a wide variety of majors and disciplines. These include:

Majors

- Interdisciplinary Studies: B.A., B.S.
- University Studies: B.A., B.S.

Minors

- African-American Studies
- African Studies
- Children's Studies
- Civic Engagement and Responsibility
- Cognitive Science
- Ethnic Studies
- European Studies
- Interdisciplinary Studies
- International Studies
- Latin American and Latino/a Studies
- Middle Eastern and South Asian Studies
- Native American Studies
- Peace and Conflict Resolution Studies
- Urban Studies
- Women's and Gender Studies

Courses

- Honors Courses
- Interdisciplinary Courses

University-Wide Majors

Note: Majors in Interdisciplinary Studies and University Studies are not as clearly understood outside the university as traditional baccalaureate majors. These majors do not prepare a student for a specific professional career or graduate field, nor do they satisfy the requirements for teacher licensure. Because of their general nature, graduates may need to convince prospective employers or graduate schools that the degree preparation will enable them to succeed in a particular job or educational endeavor.

MAJOR IN INTERDISCIPLINARY STUDIES

Program Coordinator: Amelia Noël-Elkins
University College, Campus Box 4060
Phone: (309) 438-3217

Advisors: Wendi Whitman and Kirk Hines
University College, Campus Box 4060
Phone: (309) 438-7604
Email: ids-programs@IllinoisState.edu
Website: IDS.IllinoisState.edu

Degrees Offered: B.A., B.S.

General Information

Under the Major in Interdisciplinary Studies, a student may construct one of three individualized programs of study that differ from the University's regular major programs. These options use existing University courses and lead to the Bachelor of Arts or Bachelor of Science degree in Interdisciplinary Studies. Each sequence addresses a different set of educational objectives.

- I. **The Individualized Sequence** of the Major in Interdisciplinary Studies allows a student to design, with the help of a faculty sponsor, a specialized program of study that is not offered by the University. This program is intended for the student whose specific interests cannot be accommodated within existing programs. Some topics recently chosen by students include East Asian Studies, Classical Civilization, Three-Dimensional Design, International Public Administration, and Theatre Management. The Individualized Sequence is often a second or auxiliary major but may be proposed as a primary major. Students who complete the Individualized Sequence will earn a Bachelor of Arts or Bachelor of Science degree and have their transcripts noted: "Plan: Interdisciplinary Studies; Sub-plan: Individualized Sequence; Theme: ____" (the theme specified on the plan of study).
- II. **The Multidisciplinary Studies Sequence** of the Major in Interdisciplinary Studies is built around the offerings of two or more departments or schools. It is intended for the student who is seeking a baccalaureate degree without the specialization of a traditional major. The student chooses the focus of the program, with the help of a faculty advisor, by determining the departments or schools in which he or she wishes to pursue advanced work. Students who complete the Multidisciplinary Studies Sequence will earn a Bachelor of Arts or Bachelor of Science degree and have their transcripts noted: "Plan: Interdisciplinary Studies; Sub-plan: Multidisciplinary Studies Sequence."

III. **The Human and Educational Services Sequence** recognizes work that students have completed in working toward a degree in Special Education (SED) or Teaching and Learning (TCH). Completion of this degree program does not allow for recommendation for teacher licensure. Students in this program will earn a Bachelor of Arts or Bachelor of Science Degree and have their transcripts notes: Plan: Interdisciplinary Studies; Sub-plan: Human and Educational Services Sequence.”

Admission Requirements for Individualized and Multidisciplinary Sequences:

1. Admission may be requested after the completion of 15 semester hours of course work.
2. Applicants should select an appropriate faculty advisor. The proposed plan of study must be approved by the faculty advisor, the Interdisciplinary Studies Major Committee, and the Office of the Provost.

Admission to Human and Educational Services Sequence:

1. Only those students who leave a teacher education major during their senior year will be eligible for admission into the Major in Interdisciplinary Studies; Human and Educational Services Sequence.
2. Applicants to this program must be referred by their department or school advisor.

General Degree Requirements:

1. 120 semester hours.
2. Completion of General Education requirements.
3. 42 senior-college (200 - 300 level) hours, 9 hours of which must be at the 300 level.
4. A 3.00 cumulative GPA at the time of application for Individualized and Multidisciplinary sequences; a 2.75 at the time of application for Human Educational Services Sequence.

Major in Interdisciplinary Studies; Individualized Sequence Requirements:

- An approved plan of study from at least two academic departments or schools containing 36-55 hours.
- Submission of a portfolio of relevant coursework documenting the accomplishment of learning objectives identified in the rationale submitted in support of the major proposal.

Major Interdisciplinary Studies; Multidisciplinary Studies Sequence Requirements:

- An approved plan of study with a minimum of 36 hours from at least two departments or schools, including 12 senior-college hours (200 - 300 level) from each of 2 departments or schools and a maximum of 25 hours from any one of the departments or schools.
- Submission of a portfolio of relevant coursework documenting the accomplishment of learning objectives identified in the rationale submitted in support of the major proposal.

Major Interdisciplinary Studies; Human and Educational Services Sequence Requirements:

- An approved plan of study which includes a minimum of 36 semester hours, of which at least 24 hours are at the 200 - 300 level. For students previously declared a Special Education and/or Teaching and Learning majors, these courses must include a minimum of 27 hours from Special Education and/or Teaching and Learning, as well as 9 hours of advisor-approved electives from departments outside of Special Education and Teaching and Learning. For students previously declared in other teacher education programs, an individual plan of study will be designed, consisting of a minimum of 27 hours required in an existing major as well as 9 hours of advisor approved electives.

MAJOR IN UNIVERSITY STUDIES

Program Coordinator: Amelia Noel-Elkins

324 Fell Hall, Campus Box 4060

Phone: (309) 438-3217

Website: UniversityCollege.IllinoisState.edu/UniversityStudies

Advisor: Janet Claus

Degrees Offered: B.A., B.S.

Admission Requirements:

This degree program is intended for students who are admitted and enrolled at Illinois State University and who either are unable to meet the admission/retention requirements for majors with requirements above the University minimums, or who while performing successfully in their major, discover late in their program of study that they do not wish to pursue the career path that follows from their initial major and degree choice.

In order to be admitted to the major, applicants must:

- have completed a minimum of sixty (60) hours and be in good academic standing with a GPA of 2.00 or higher, and
- complete an approved Plan of Study in collaboration with a program advisor.

This degree is not available to second bachelor degree candidates.

Degree Requirements:

- Completion of all graduation requirements for the B.A. or the B.S. degree as listed in this *Undergraduate Catalog*.
- Completion of all course requirements as listed on the student's approved Plan of Study (All changes to the initial Plan must be approved by the program advisor.)
- A minimum of 9 credit hours in the major taken at the 300 level.
- **General Studies Option:** A concentration of a minimum of 18 hours in each of two different disciplines as approved in the Plan of Study, **or**
- **Specialized Studies Option:** A concentration of a minimum of 30 hours in one department or school as approved in the Plan of Study, **or**

- **Liberal Studies Option:** A concentration of a minimum of 36 hours bridging academic disciplines as approved in the Plan of Study.

University-Wide Minors

MINOR IN AFRICAN-AMERICAN STUDIES

Director: Toure` Reed, Department of History
328 Schroeder Hall, Campus Box 4420
Phone: (309) 438-8120

Advisor: Ronald Gifford, Department of History
321 Schroeder Hall, Campus Box 4420
Phone: (309) 438-8298
Email: rmgiff@IllinoisState.edu

The Minor in African-American Studies provides an interdisciplinary approach to exploring facets of black politics and life in the United States. This program is designed to be of interest to students who want to explore the many contributions of African-Americans to the political, historical, social, and artistic fabric of the United States. Students are required to take a core of three courses on African-American history and literature, as well as elective courses in the social sciences (History, Sociology, and Politics and Government) and in the humanities and fine arts (English, Music, and Theatre and Dance).

- 24 hours required.
- Required core (9 hours): ENG 165; HIS 257 and 258.
- Choose 3 courses (9 hours) from group A and 2 courses (6 hours) from group B.

Group A (9 hours): HIS 111 or SOC 111; POL 140, 334; SOC 264.

Group B (6 hours): ENG 265, 365; IDS 203A05; MUS 153, 154; THE 154.

NOTE: Other courses approved by the minor advisor may be counted toward the minor. Please refer to specific departments or schools for further course information including prerequisites.

MINOR IN AFRICAN STUDIES

Director: Agbenyega Adedze, Department of History
315 Schroeder Hall, Campus Box 4420
Phone: (309) 438-8367,
Email: adedze@IllinoisState.edu

Advisor: Ronald Gifford, Department of History
321 Schroeder Hall, Campus Box 4420
Phone: (309) 438-8298,
Email: rmgiff@IllinoisState.edu

A Minor in African Studies will complement a major in several disciplines. It is therefore designed as a multidisciplinary program where the student will take courses in the social sciences, arts, and humanities (English; Geography; History; Languages, Literatures, and Cultures; Music; Politics and Government; Sociology/Anthropology; and Theatre and Dance). The Minor will provide students with a broad background in African history, societies, culture, and politics. The program is directed towards students with a view of visiting

or working in Africa or those who are interested in government or public service careers.

Requirements for the Minor in African Studies:

- 21 hours required.
- 9 hours required (3 courses) from the following: GEO 235A01, 250; HIS 104A01, 265, 266; POL 246. (At least two disciplines must be represented from this list.)
- Choose 4 courses (12 hours) from the following electives: ENG 206; GEO 235A01, 250; HIS 104A01, 265, 266; POL 246 (any of these six courses may count if not taken as part of required core); ANT 185; LAN 206; MUS 139A21, 153, 154, 239A21; THE 271, 275.
- No more than 9 hours may be selected from the student's first or second major department or school.

NOTE: Other courses approved by the minor advisor may be counted toward the minor. Please refer to specific departments or schools for further course information including prerequisites.

African Studies minors are encouraged to study abroad in Africa. There are a number of study abroad programs in which students can participate that range in length from a summer to a semester, or an entire academic year. Interested students should contact the Office of International Studies and Programs.

MINOR IN CHILDREN'S STUDIES

Coordinator: Dr. Roberta Seelinger Trites,
Department of English

Advisor: Jeff Graham, University College
340 Fell Hall, Campus Box 4060; Phone: (309) 438-7604;
Email: jwgraha@IllinoisState.edu

The Minor in Children's Studies provides an opportunity for students to enhance their knowledge of children and child culture through interdisciplinary exploration of child-related issues. This program is designed to be of interest to students who wish to pursue child-related emphases in their major disciplines, such as education, children's literature, child psychology, children's history and culture, pediatrics, juvenile justice, or social work with children, or for those who wish to learn more about the subject of childhood from multidisciplinary frames of reference.

The minor will also provide a foundation for those students who intend to go to professional or graduate school to pursue child-centered research interests.

- A minimum of 24 hours, including FCS 112 or HIS 112 or SOC 112 and one of the following: FCS 101; PSY 301; TCH 210.
- The remaining 18 hours must include a minimum of 2 courses from Group A and a minimum of 2 courses from Group B.
- Group A-Humanities and Fine Arts: ART 204, 208; ENG 170, 271, 272, 370, 372, 373, 374, 375; MUS 277, 278, 371; DAN 229, 283; THE 281, 282.
- Group B-Social Sciences: CJS 215, CSD 115, 175, FCS 231, 233, 250, HIS 261, 262, 330, POL 339, PSY 213,

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215, 302, 346, SOC 262, 318, TCH 233, 233A01.

- With permission of the minor advisor the following categories of courses may be counted toward the minor; if arranged or offered through a department or school:
 - 3 hours of an internship with a child-related agency.
 - 3 hours of an independent study on a child-related topic.
 - 3 hours of a special topics course on a child-related topic.
- **NOTE:** Students may count no more than 9 hours from their major's department towards the completion of this minor.

MINOR IN CIVIC ENGAGEMENT AND RESPONSIBILITY

Minor Coordinator: Dr. Cynthia Edmonds-Cady
School of Social Work
303 Rachel Cooper, Campus Box 4650
Phone: (309) 438-5949
Email: cemondd@IllinoisState.edu

Minor Advisor: Wendi Whitman, University College
340 Fell Hall, Campus Box 4060
Phone: (309) 438-7604;
Email: wjwhitm@IllinoisState.edu
Website: IllinoisState.edu/civicengagement

In teaching civic engagement at Illinois State University, we strive to develop civically responsible individuals who embrace their membership in communities and society by owning social issues and working to be a part of the solution, which requires ethical and civic judgments and interventions when appropriate. Illinois State University's values (*Educating Illinois*) are at the core of this minor as students will prepare to participate in social change as well as develop an awareness of personal social responsibility. This minor is intended to prepare students to actively engage in their citizenship. The interdisciplinary minor is open to all students of any ideological viewpoint and can be positively matched with any major as a way to broaden the student's learning experience and career perspectives. A civically educated individual (1) gains a sense of self-awareness as a citizen, (2) actively participates in community service, (3) develops an appreciation of diversity, (4) comprehends the interdependence within communities, societies, and the world, (5) grows an understanding of the democratic process, (6) displays critical thinking within the arena of democratic conversations and social issues, (7) becomes effective at problem-solving and change, and (8) is able to personally integrate reflection on service, social issues, and course content. This minor will provide students with opportunities to sharpen critical analysis, skill development, and personal reflection as well as substantive opportunities to study and perform civic engagement in their communities.

Minor requirements:

- 21 hours required.
- Required core (9 hours): IDS 125, 398A02; POL 101.
- Choose 4 courses (12 hours) from the following (only one course at the 100 level can be taken): CJS 102; COM 201, 270, 272, 274, 303, 304, 371, 375; EAF 228,

231, 235; FCS 328, 333; HIS 240, 253, 272; PHI 104, 150, 234, 236, 240; POL 106, 214, 220, 221, 222, 225, 233, 312; PSY 213, 302; SOC 240, 333, 366; TEC 275; THE 154, 270, 344.

- **NOTE:** Other courses approved by the minor coordinator may be counted toward the minor.
- **NOTE:** No more than two elective courses (6 hours) can be taken in any single department or school.

Concentration for Teacher Education Majors Interested in Urban Education:

The Minor in Civic Engagement and Responsibility offers a special concentration for teacher education majors who have an interest in urban education and pursuing careers in high-need schools. This entails a dedicated strand of courses that have a strong focus on diversity, multiculturalism, and the importance of creating community engaged classrooms. Many of these courses also offer activities and assignments that immerse the student into the urban context such as field trips and service-learning projects in urban schools and communities.

In consultation with their advisor, teacher education majors interested in urban teacher preparation are recommended to choose four courses (12 hours) from the following courses that have an urban education focus (only one course at the 100 level can be taken): BSC 307; CHE 161; CJS 102; EAF 228, 231, 235; GEO 307; HIS 290, 390; HSC 387; LAN 319; MAT 201, 223; PHY 353; PSY 213, 215, 302; SOC 109, 240; SPA 223, 244; TCH 110, 111, 204, 208, 212, 232, 233A01, 319.

Teacher education majors interested in urban teacher preparation courses with designated sections can refer to UTP Passport (TeacherPipeline.IllinoisState.edu) for updated course information.

MINOR IN COGNITIVE SCIENCE

Director: David L. Anderson
Department of Philosophy
323H Stevenson Hall, Campus Box 4540
Phone: (309) 438-7175
Email: dlanders@IllinoisState.edu

Advisor: Patrick McNulty
University College
340 Fell Hall Campus Box 4060
Phone: (309) 438-7604
Email: pamcnul@IllinoisState.edu; Website:
Philosophy.IllinoisState.edu/academics/minor/cogsciminor

- A minimum of 24 hours required for the minor, depending on the emphasis chosen and the level of preparation of student. Programs must be planned in consultation with an advisor. Students are required to seek an advisor through the Director of Cognitive Science Studies.
- Required courses: One course is required of all students, IDS 265: Introduction to Cognitive Science: Computers, Minds, Brains, and Robots. Other requirements will be met by developing a planned course of study approved by a Cognitive Science Studies advisor. In consultation with the

advisor, the student will choose an emphasis that is *outside* the student's major and will fulfill the requirements of that emphasis.

Emphases:

Computer Science: IT 168, 179; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group B; and 2 elective courses (6 hours) from Groups C, D, E, or F.

Linguistics: PHI 112 or 210; ENG 341; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group C; and 2 elective courses (6 hours) from Groups B, D, E, or F.

Philosophy: PHI 112 or 210; PHI 251 or 253 or 315; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group D; and 2 elective courses (6 hours) from Groups B, C, E, or F.

Psychology: PSY 138 (recommended) or ECO 138 (acceptable); PSY 231; 2 courses (6 hours) from Groups A and/or B; 1 course (3 hours) from Group E; 2 elective courses (6 hours) from Groups B, C, D, or F.

Course Groups:

Group A (Quantitative Skills): MAT 120, 145, 146, 175, 260, 350; PHI 112 or 210 (MAT 210); PSY 138 (recommended) or ECO 138.

Group B (Computer Science): IT 168, 179, 226, 261, 279, 327, 340, 367, 388.

Group C (Linguistics): ANT 143 or ENG 143 or LAN 143; ANT 342 or ENG 342; ANT 277; COM 370, 372; CSD 175; ENG 241, 243, 245, 310, 341, 344; FRE 209, 335, 340; GER 310; SPA 215, 310, 311, 360; SOC 338.

Group D (Philosophy): PHI 250, 251, 253, 255, 315; PHI *305, *310, *363. NOTE: Courses with * may be used only when the topic is approved by a Cognitive Science advisor.

Group E (Psychology): PSY 231, 253, 263, 331.04, 331.07, 360, 361, 367, 368, 369.

Group F (Related Courses): ANT 350, 378, 393; BSC 286, 297, 343; CSD 310.

NOTE: Please refer to specific departments for further course information.

Cognitive Science Course

IDS

265 INTRODUCTION TO COGNITIVE SCIENCE: COMPUTERS, MINDS, BRAINS, AND ROBOTS
3 sem. hrs.

SMT

Explores fundamental principles from Psychology, Computer Science, Philosophy, Linguistics, and Biology that contribute to the scientific study of intelligent systems (minds). Prerequisites: MAT 113, 120, 130, or 145 or one semester of Foreign Language.

MINOR IN ETHNIC STUDIES

Director: Susan Kalter, Department of English
424J Stevenson, Campus Box 4240
Phone: (309) 438-8660
Email: susankalter@IllinoisState.edu
Website: EthnicStudies.IllinoisState.edu

Ethnic Studies is the study of race and ethnicity in U.S. and transnational contexts. Students and faculty in this area examine how social categories like race, indigeneity, culture, ethnicity, and nation are conceptualized. They also familiarize themselves with the specific and comparative experiences both historical and contemporary of the major population groups that make up the United States. The program at Illinois State allows participants to examine regional, national, and global dimensions of these experiences.

Students in the minor must complete a minimum of 22 hours representing 8 courses as indicated from Groups I, II, and III; at least 4 courses must be above the 100-level; no more than 3 courses may be from one department or school. With consent of the director, students may use departmental or IDS 287, 298, or 398 courses for one course in Group II and/or one course in Group III.

Students interested in pursuing a major in this area may arrange their program of study through either the Interdisciplinary Studies Major program or the University Studies program.

Minors are also available in three specific areas: African-American Studies; Latin American and Latino/a Studies; and Native American Studies.

A list of affiliated faculty and more information is available on the Ethnic Studies website.

Group I - Ethnicity (Students must complete at least 1 course)

— ANT 281, 302; COM 272, 372; POL 334; SOC 264, 366.

NOTE: Other courses with appropriate content for Group I may be approved by the faculty director.

Group II - Race and Ethnicity in the United States. (Students must complete at least 4 courses chosen from at least 2 departments or schools.)

— ANT 272, 278, 280, 384; CJS 308; CSD 375; ECO 230; ENG 165, 265, 266, 267, 365; *HIS 104.06, 257, 258, 264, 284, 310, 315; HIS/SOC 111; *IDS 121A29, *121A37, *121A52; MUS 153, 154; NUR 312; PSY 327; SOC 109; SWK 310; TCH 110, 111, 232, 319, 320, 321, 322; THE 154.

NOTE: Other courses with appropriate content for Group II may be approved by the faculty director. Courses in non-English-language U.S. literatures and cultures, if appropriate to the minor and the student's focus as determined by the faculty director, will be approved.

Group III – Global Contexts (Students must complete at least 2 courses.)

— AGR 201; ANT 185, 283, 294, 307, 308, 373; ART 275; ENG or LAN 206; GEO 235, 250, 255; *HIS 104A01, *104A02, *104A03, *104A04, *104A05, 263, 265, 266, 267, 269, 270, 271, 272, 275, 276, 282, 283, 307, 335, 373, 375; *IDS 121A31, *121A42, 133A02, 133A03, 133A04, 203; CHI 115; FRE 314, 325; JPN 115, 116; POR 115; SPA 116, 244, 326, 327, 336; MQM 349; MUS 216, 275; NUR 313; PHI 207, 208; POL 140, 240, 245, 246, 247, 340, 345, 349; SOC 220, 318; THE 271, 275A01, 275A02, 374.

NOTE: Other courses with appropriate content for Group III may be approved by the faculty director. Courses in second-year language (and beyond) and courses in global English-language or non-English-language literatures and cultures, if appropriate to the minor and the student's focus as determined by the faculty director, will be approved.

Group IV - Floating Elective. Students must complete at least one (1) additional course from either Group I, Group II, or Group III.

***NOTE:** HIS 104 and IDS 121 may be taken only once each for credit.

MINOR IN EUROPEAN STUDIES

Advisor: Ron Gifford, Department of History
Phone: (309) 438-8298, 301 Schroeder Hall

Program Co-directors: Anthony Crubaugh
Department of History
Phone: (309) 438-5641

James van der Laan, Department of Languages, Literatures, and Cultures
Phone: (309) 438-7270

Andrew Weeks, Department of Languages, Literatures, and Cultures
Phone: (309) 438-7120

The Minor in European Studies is interdisciplinary and international in scope. This minor will help prepare students for careers in multiple fields by providing a cohesive program of study in the arts, history, languages, and society of one or more European nations, or by providing a foundation for advanced study in one of several disciplines such as European Union Studies, Fine Arts, European Language and Literatures, European History, International Business, International Law, International Relations, or Journalism.

In this minor, students will complete six hours of core courses: IDS 112 (or HIS 101, 102, or 107), and IDS 212. Students are required to achieve proficiency in a European language other than English, equivalent to three semesters of university-level coursework. Students complete the minor requirements by selecting a minimum of six hours of electives from a list of approved university-wide courses.

Study abroad in a European country is strongly recommended. The minor is versatile and can be customized to complement an individual student's interests in various fields of study. At least four of the courses in the minor curriculum qualify for general education credit. This program will be supervised by the departments of History, Languages, Literatures, and Cultures, and the School of Art.

- 24 hours are required, including 6 senior college hours.
- Required courses (18 hours): IDS 112 or HIS 101, 102, or 107; IDS 212.
- Proficiency equivalent to LAN 111-115 required in a European language other than English. A student who took foreign language courses in high school may be able to meet the requirement of completing one or more of the LAN 111-115 courses through proficiency credit awarded upon completion of high level LAN courses.
- 2 additional courses (6 hours) in an area of concentration required from the list of electives, at least one at senior college hours level.
- Study abroad in Europe is strongly recommended.
- A 2.0 major GPA is required to graduate with this minor. All required and elective courses must be completed with grades of C or better.

Elective courses in groups:

ART 155, 156, 240, 241, 242, 263, 265, 280, 281, 304, 305, 306; DAN 372; ECO 245, 345, 346; ENG 110, 213, 214, 216, 218, 219, 222, 241, 310, 311, 320, 324, 327, 329, 378; FRE 209, 213, 214, 220, 223, 235, 305, 327, 328, 340, 341, 385; GER 211, 213, 285, 310, 317, 385; HIS 220, 221, 222, 223, 224, 225, 226, 228, 229, 231, 232, 233, 234, 235, 237, 279, 284, 308, 335, 336, 337, 345, 350, 355, 356, 366, 367, 368; ITA 221, 222; MUS 253, 254; PHI 222, 232, 233, 250, 254, 255, 350; POL 141, 241, 252, 255, 344, 351; SPA 213, 214, 215, 223, 233, 240, 243, 305, 323, 324, 337, 360; THE 300, 370, 376, 377.

MINOR IN INTERDISCIPLINARY STUDIES

Program Coordinator: Amelia Noël-Elkins
University College, Campus Box 4060
Phone: (309) 438-3217

Advisors: Wendi Whitman and Kirk Hines
University College, Campus Box 4060
Phone: (309) 438-7604
Email: ids-programs@IllinoisState.edu
Website: IDS.IllinoisState.edu

Illinois State University offers students the opportunity, under the Minor in Interdisciplinary Studies, to construct a program of study that differs from the University's regular minor programs.

The Individualized Requirements provide an interdisciplinary program that may be used to attain specific educational goals that cannot be accommodated by existing minors at Illinois State.

Minor in Interdisciplinary Studies; Individualized Sequence Requirements:

Students who complete the Individualized Sequence will have their transcripts noted: “Plan: Interdisciplinary Studies Individualized; Theme: _____” (the theme specified on the plan of study).

- A 3.00 cumulative GPA at the time of application.
- Approved plan of study from at least 2 academic departments/schools containing 18-24 hours.
- Submission of a portfolio of relevant coursework documenting the accomplishment of learning objectives identified in the rationale submitted in support of the minor proposal.

Procedure:

1. Admission to the Minor in Interdisciplinary Studies may be requested after the completion of 15 semester hours of course work.
2. Applicants should select an appropriate faculty advisor. The proposed plan of study must be approved by the faculty advisor, the Interdisciplinary Studies Minor Committee, and the Office of the Provost.

MINOR IN INTERNATIONAL STUDIES

International Studies

308 Fell Hall, Campus Box 6120
(309) 438-5365

Director: Shari Zeck

Email: sszeck@IllinoisState.edu

Advisor: Priyanka Aich, University College

340 Fell Hall

Phone: (309) 438-7604

Email: paich@IllinoisState.edu

The Minor in International Studies is an interdisciplinary program that is designed to offer students an opportunity to enrich their thinking and experience as global citizens. It is a minor that can be tailored to enhance any major with international experience and study.

The minor includes foreign language study, courses focused on international and regional issues, and participation in a formal study abroad experience. Academic advisement is essential to this highly individualized program in order for students to make the best use of these opportunities.

- 24 hours required, including LAN 115 or equivalent; 6-12 hours in Category A; 9-15 hours in Category B; and participation in a study abroad or alternative international experience.
- Participation is required in a 6-credit hour (or greater) study abroad experience sponsored by Illinois State

University or alternative international experience approved prior to participation by the minor advisor. Courses taken while studying abroad may be counted toward the minor. Contact the International Studies Advisor for information on which courses offered in each program may be counted toward the minor.

- Up to 9 hours (excluding courses in Category A) taken in the minor may also be applied toward the student’s major. At least 9 hours of the minor must be at the 200-level or above.
- Additional foreign language study is strongly encouraged. Special emphasis should be placed on developing oral communication skills.

CATEGORY A—International Issues:

- 6-12 hours required. Courses in the student’s first major may not count toward category A requirements. A maximum of 2 courses from any 1 department or school may be taken. Choose from the following: AGR 201; ANT 176, 185; ART 275; CJS 369; COM 355, 369, 372; ECO 210, 245, 345; ENG 206, 255, 261; GEO 135; HIS 104, 230, 270; IDS 203; INB 225; LAN 206; POL 140, 150, 151, 251, 252, 254, 255, 344, 351, 358, 363; SOC 108, 366; THE 271, 275A01, 275A02; WGS 120, or other courses approved by the International Studies Advisor.

CATEGORY B—Regional Studies:

- 9-15 hours required. Only courses taken in 1 region listed below may be counted toward the minor. Many Illinois State University Study Abroad program courses count.
- In addition to the courses listed below, any pertinent course on the history, literature, economic, social, or political structures of a foreign country, culture, or region may be counted toward the minor, provided it receives approval in advance from the International Studies advisor. The International Studies advisor will help students choose courses appropriate to their regional studies concentration and career objectives.
- **Latin America:** HIS 263; SPA 116, 244, 305; POL 140, 240, 340.
- **Europe:** ART 372, 379; HIS 102, 229, 234, 237, 366; FRE 305; (FRE, GER, ITA, SPA) 116, GER 217; SPA 243, 305; POL 141, 242, 341.
- **Africa:** GEO 250, HIS 266; LAN 325; POL 140, 246.
- **South and Southwest Asia (Middle East, India, Pakistan, Sri Lanka):** HIS 272; PHI 207, 208; POL 140, 245, 247, 349.
- **East Asia:** HIS 373, 375; JPN 116; PHI 208; POL 140, 245, 345.
- **NOTE:** Please refer to specific departments or schools for further course information.

**MINOR IN LATIN AMERICAN AND
LATINO/A STUDIES (LAL) 467**

Director: Dr. Maura Toro-Morn,
Latin American and Latino/a Studies
328 Williams Hall, Campus Box 4670
Phone: (309) 438-0098; Email: mitmorn@ilstu.edu

Advisor: Janet Claus, University College
340 Fell Hall, Campus Box 4060
Phone: (309) 438-7604, Email: jlclaus@IllinoisState.edu
Website: LatinoStudies.IllinoisState.edu

The goals of the Minor in Latin American and Latino/a Studies are (a) to provide students with key concepts, information, and a foundation of knowledge rooted in several academic disciplines; (b) to examine the social, political, and cultural challenges of Latin America and the Latino/a populations in the global community; and (c) to foster a multicultural, pluralistic, and multi-lingual environment by focusing on the interrelations between the United States, Latin America, and its descendant populations.

This program is student centered and flexible. Students are expected to complete course work in a variety of disciplines and departments. All individual programs of study must be planned in consultation with the Latin American and Latino/a Studies advisor.

Students are strongly encouraged to study abroad in programs in Latin America and the Caribbean. See the Office of International Studies and Programs for information website at StudyAbroad.IllinoisState.edu.

- 24 hours required.
- Language requirement: Students must complete 6 semesters of high school or second semester college (112) coursework in either Spanish or Portuguese. Foreign language credit below the third semester level (115) does not count toward the minor requirement of 24 hours.
- A plan of study approved by the advisor including courses from at least three different departments: GEO 235A02; HIS 104A03, 263, 282, 283; LAL 398A01, 398A02; POL 240, 340; SOC 109; SPA 115, 116, 233, 240, 244, 336.

NOTE:

- Other courses with appropriate content may be approved by the advisor, particularly SPA 305, 360; HIS 306; TCH 319, 320, 321, 322; and IDS 203A15 when the topic is Latin America.
- Many courses are offered regularly. Please note that some courses are not available every semester.

Latin American and Latino/a Studies Courses**398A01 PROFESSIONAL PRACTICE: INTERN
SHIP/COOP IN LATIN AMERICAN AND
LATINO/A STUDIES**
1-6 sem. hrs.

Independent experience in a supervised community work setting with opportunities for civic engagement. Academic requirements include a final paper. A maximum of 6 hours may count toward the LAL minor. Prerequisite: Consent of the director and supervisor.

**398A02 PROFESSIONAL PRACTICE: RESEARCH
EXPERIENCE IN LATIN AMERICAN AND
LATINO/A STUDIES**
1-6 sem. hrs.

Practical experience in the design, implementation, and reporting of research through methods appropriate to the fields of interest. A maximum of 6 hours may count toward the LAL minor; a maximum of 16 hours of all 398 courses may count towards graduation. Prerequisite: SOC 109 and consent of the program director.

**MINOR IN MIDDLE EASTERN AND
SOUTH ASIAN STUDIES**

Director: Yusuf Sarfat
Department of Politics and Government
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Phone: (309) 438-5785,
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Advisor: Erik Rankin
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401 Schroeder Hall, Campus Box 4600
Phone: (309) 438-3709,
Email: etranki@IllinoisState.edu; Website:
POL.IllinoisState.edu/undergraduate/minors/mesa_studies

The Minor in Middle Eastern and South Asian Studies provides an interdisciplinary approach to exploring the politics, society, cultures and economics of the countries in the Middle East and South Asia. This program is designed to be of interest to students who want to explore the socio-political-economic dynamics of the countries located in the region and their roles in the world. It also examines the impacts of the global politics, especially the US foreign policies, on the socio-political environment of this region.

Students are required to take a core of three courses in history, politics, and geography, as well as four elective courses. Elective courses can be chosen from the social sciences (Criminal Justice Sciences, Economics, Geography, History, Politics and Government and Sociology), and/or from the humanities (English, Languages, Literatures, and Cultures, and Philosophy).

- 21 hours required.
- Required core courses (9 hours): GEO 235A04; HIS 104A04 or 104A05, or 272; POL 245, 247 or 345.
- Choose 4 courses (12 hours) from the following (if not already taken for credit): CJS 369; ECO 205, 245;

ENG 255, 261, 352; ENG 206 or LAN 206; HIS 270, 271, 272, 307*; IDS 203A20, 203A25; PHI 207, 208; POL 225, 254, 345*, 349; SOC 268.

- **NOTE:** No more than 9 hours may be selected from the student's first or second major department.

*Discuss with the advisor before taking these topics courses; only topics relevant to Middle Eastern or South Asian studies may count towards this minor.

Participation in Middle Eastern or South Asian universities through Illinois State University or alternative study abroad programs, while not required, is strongly encouraged. Students can accumulate up to 6 credit hours of electives.

NOTE: Other courses approved by the director may be counted toward the minor. Please refer to specific departments or schools for further course information including prerequisites.

MINOR IN NATIVE AMERICAN STUDIES

Director: Susan Kalter, Department of English
424J Stevenson, Campus Box 4240
Phone: (309) 438-8660;
Email: susankalter@IllinoisState.edu
Website: NativeStudies.IllinoisState.edu

The minor in Native American Studies is designed to familiarize students with the histories, literatures, cultures, and futures of the indigenous citizens of North America. It will be of interest to students who wish to explore the unique political and social relationship that the First Nations and their members hold with the United States. It provides students with key concepts, information, and a foundation of knowledge rooted in several academic disciplines. Faculty from the departments of Educational Administration and Foundations, English, History, Sociology and Anthropology, and the School of Theatre participate in this minor. Students are required to take an interdisciplinary core of four courses from three different departments and Interdisciplinary Studies. Two electives from approved offerings by faculty in the field of Native American Studies may be selected as alternatives to the list of electives below.

- 18 hours required.
- Required courses: IDS 121A29; ANT 272 or 384; ENG 266; HIS 104A06 or HIS 310.
- 6 hours of additional courses from the following: ANT 272 (if not previously taken), 280, 384 (if not previously taken); HIS 104A06 (if not previously taken), 310 (if not previously taken); 287 Independent Study; and 298/398 Professional Practice (may be on- or off-campus; may apply 3 hours towards the minor).

NOTE: This program must be planned in consultation with the Native American Studies faculty director. With director approval, courses other than those listed above – including courses in Native languages and other Native American Studies courses approved for transfer in from other accredited universities – may be counted toward the minor.

A list of affiliated faculty and more information is available on the Native American Studies website. Departments participating in the minor are Educational Administration and Foundations, English, History, Sociology/Anthropology, and Theatre and Dance.

MINOR IN PEACE AND CONFLICT RESOLUTION STUDIES

Co-Director: Noha Shawki, Politics and Government
403B Schroeder Hall, Campus Box 4600
Phone (309) 438-3861
Email: nsshawk@IllinoisState.edu

Co-Director: Dawn Beichner, Criminal Justice Sciences
439 Schroeder Hall, Campus Box 5250
Phone: (309) 438-7626
Email: dmbeich@IllinoisState.edu

Advisor: Janet Claus, University College
340 Fell Hall, Campus Box 4060
Phone: (309) 438-7604; Email: jlclaus@IllinoisState.edu
Website: POL.IllinoisState.edu/undergraduate/minors/peace_conflict_resolution_studies

The Minor in Peace and Conflict Resolution Studies is an interdisciplinary program that includes courses from eighteen departments. The Minor provides a comprehensive and in-depth approach to peace and conflict resolution theories and methods. Students are required to take an introductory course, as well as one course from each of four areas of inquiry (social justice, violence prevention and conflict resolution, environmental justice, and globalization), while also specializing in one of these areas with two additional courses. The minor's capstone experience is a professional practice.

The Minor allows students to examine the causes and prevention of war, as well as the nature of violence, including social oppression, discrimination and marginalization. They also learn peace strategies to overcome persecution and transform society to attain a more just and equitable international community. The inquiry encompasses micro to macro perspectives. At the micro end of the spectrum, students investigate non-violent ethics and conflict management; interpersonal communication and relations; intergroup relations; and diversity and gender issues. At the macro level, students explore the dynamics of international conflict, as well as approaches to peace and world order; ethnic and socioeconomic justice; multiculturalism; renewable economics; and biodiversity.

- 21 hours required.
- Required core (3 hours): IDS 111, includes 12-15 hours of practicum.
- Choose three courses from one group listed below and one course from each remaining group.
- **Group A - Social Justice:** CJS 102; COM 272, 372; PHI 238; SOC 106, 108, 264, 366; WGS 120.
- **Group B - Violence Prevention and Conflict Resolution:** CJS 307, 369; FCS 310; HIS 111, 112; IDS 254; POL 252, 255, 352; SOC 365.

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- **Group C - Environmental Justice:** AGR 201; BSC 202; GEO 135, 205, 235; HSC 156, 355; HIS 329; PHI 236; PHY 207.
- **Group D - Globalization:** ANT 176; ECO 105; GEO 142; IDS 203; INB 225; MQM 349; POL 151, 254; SOC 240.

NOTE: Students are encouraged to consult with the program co-directors and/or advisor regarding course selection.

Peace and Conflict Resolution Courses

IDS

111 PEACE STUDIES

3 sem. hrs.

A general, interdisciplinary introduction to Peace Studies, including social justice, conflict resolution, global ecology, and education for an interdependent world. Includes arranged service learning hours.

398A01 PROFESSIONAL PRACTICE INTERNSHIP /COOPERATIVE EDUCATION IN PEACE AND CONFLICT RESOLUTION STUDIES

3-6 sem. hrs.

Practical experience, preferably in an international, national or local organization where peacemaking, conflict resolution and skills are required and learned. Prerequisites: IDS 111 and Minor in Peace and Conflict Resolution Studies.

MINOR IN URBAN STUDIES

Advisor: Alan Lessoff, Department of History

327 Schroeder Hall, Campus Box 4420

Phone: (309) 438-8083

Email: ahlesso@IllinoisState.edu

The Minor in Urban Studies is an interdisciplinary minor sponsored by the Departments of Geography-Geology, History, Politics and Government, and Sociology/Anthropology in the College of Arts and Sciences and by the College of Education.

The program has two sequences. The General Sequence is designed for students who wish to learn about urban places primarily from a social sciences perspective, although the sequence will also benefit those with majors in the arts and humanities, business, social services, and other fields. This sequence will provide a foundation, especially to those who wish to pursue careers in urban-related areas such as public administration, planning, preservation, public history, community development, and social services or to those who wish to pursue graduate study in these areas. The program's features include required course work in urban geography, history, political science, and sociology or anthropology. Students may choose from a range of elective courses, independent study with urban studies faculty, and an optional internship.

The Urban Education sequence will be valuable to students whose aim is to teach in an urban setting. This sequence's core provides background in urban education issues as well as urban social science. Students in this sequence will devise a program of electives adapted to their particular fields of teacher preparation. Education majors or licensure candidates at all levels--elementary, middle school, and secondary--and in all teaching fields, not just social sciences, should consider this program. Students interested in this sequence should consult the program advisor as early as possible during their time at Illinois State in order to coordinate the needed coursework with their licensure requirements.

General Sequence:

- 21 hours required.
- Required core (12 hours): GEO 336; HIS 322; POL 221 or 222; SOC 240 or 361 or ANT 388.
- Choose 9 elective hours from the following: Any core course not used to fulfill requirements or ANT 374, 375, 392; ECO 329, 350; GEO 204, 303, 304, 370; HIS 242, 258; POL 231, 232, 334; SOC 109, 333, 362; TCH 232; or up to 3 hours of internship, professional practice, or independent study contributing to the minor and approved in advance by the urban studies advisor.
- Students may use up to 6 hours of courses from their major program to fulfill minor requirements.
- Students in majors outside of the College of Arts and Sciences and College of Education may, with approval from the urban studies advisor, apply up to 6 hours of courses from their college--including from their major program--in lieu of courses in the above list of electives.

Urban Education Sequence:

- 21 hours required.
- Urban education core (9 hours): TCH 232, plus 6 hours from the following: EAF 228; TCH 110, 319, 320.
- Urban social science requirement (3 hours): Choose one of the following: GEO 336; HIS 322; POL 222, 334; SOC 240 or 361.
- Electives (9 hours): In consultation with the urban education advisor, students will devise a program of urban-oriented elective courses relevant to their interests and areas of teacher preparation. Student programs must be approved by the Urban Education advisor and the Urban Education Committee.
- Students may apply up to 9 hours of courses from their major program toward any part of the 21 hours to fulfill minor requirements. Students may likewise apply up to 6 hours of general education credit, consisting of Urban Teacher Preparation-tagged courses or other General Education courses with substantial urban content, provided that the use of these courses is approved by the urban education advisor and the Urban Education Committee.

**MINOR IN WOMEN'S AND
GENDER STUDIES (WGS) 426**

Director: Alison Bailey
237 Rachel Cooper, Campus Box 4260
Phone: (309) 438-2947

Advisors: Stacia Kock
232 Rachel Cooper Hall, Campus Box 4260
Phone: (309) 438-2947
Email: WGSAdvisor@IllinoisState.edu
or

Mandy Dartt
231 Rachel Cooper Hall, Campus Box 4260
Email: WGSAdvisor@IllinoisState.edu
Web address: WGS.IllinoisState.edu

The minor in Women's and Gender Studies enhances any undergraduate major by offering students an interdisciplinary curriculum that focuses on diverse experiences of women in both national and international contexts. The program provides a wide range of electives that offer students the conceptual tools to critically examine the meanings of gender and its intersections with race, sexuality, class/caste, coloniality and ability as they shape our ways of knowing, behaviors, and political identities. Curricular areas of emphasis include the study of feminist theories and methodologies, social justice and activism, LGBTQ studies, women's histories, literatures, visual cultures, and politics.

Women's and Gender Studies employs gender as an analytical category, along with race, class, and ethnicity, to focus on women's contributions to society and the gendered implications of cultural, political, and economic processes. By broadening a student's knowledge base, this interdisciplinary minor has theoretical and practical applications for scholarship, the workplace, personal growth and relationships.

- 21 hours required.
- Required courses: WGS 120; ENG 160 or 260 or 261 or 360; HIS 261 or HIS 262; PHI 246 or POL 338.
- 9 hours of additional courses from: ANT 270, 376; CJS 307, 339, 342; COM 128 or ENG 128 or LAN 128; ENG 206 or LAN 206; ENG 260, 261, 360 (if not already chosen to fulfill a requirement); FCS 112 or HIS 112 or SOC 112; HIS 261 or 262 (if not chosen to fulfill requirement); HIS 264, 330, 350; IDS 121A39; PHI 202; POL 225, 337, 338, 363; PSY 123 or SOC 123; PSY 305; SOC 264, 265, 311, 341, 342, 366; WGS 292, 390, 391, 392, 398.

NOTE: This program must be planned in consultation with the Women's and Gender Studies director or advisor. With their approval, courses other than those listed above may be counted toward the minor.

Women's and Gender Studies Courses

**120 GENDER, SEX, AND POWER SS
3 sem. hrs.**

An interdisciplinary introduction to how gendered and other structures of domination shape societies; how individual and collective actions engage and transform these structures. May not be taken under the P/NP option. Formerly *WOMEN, GENDER AND SOCIETY*. Prerequisite: ENG 101 or COM 110 or concurrent registration.

**292 INTRODUCTION TO LGBTQ STUDIES
3 sem. hrs.**

Interdisciplinary introduction to lesbian, gay, bisexual, transgender, and queer studies. Topics include LGBTQ histories, social movements, politics, and cultures.

**390 INTERDISCIPLINARY RESEARCH
IN WOMEN'S AND GENDER STUDIES
1-6 sem. hrs.**

Students will research and write on an interdisciplinary topic of their choice relevant to Women's and Gender Studies. Prerequisite: A detailed proposal approved by the Director or Assistant Director of Women's and Gender Studies.

**391 WOMEN'S AND GENDER
STUDIES SEMINAR
1-3 sem. hrs.**

Intensive and critical examination of selected topics in women's and gender studies. May be repeated; maximum 6 hours.

**392 QUEER AND TRANSGENDER THEORY
3 sem. hrs.**

Research in the interdisciplinary field of LGBTQ Studies emphasizing how queer and transgender theory inform a variety of academic disciplines and discourses. Formerly *LESBIAN, GAY, BISEXUAL, TRANSGENDER/QUEER STUDIES AND THEORY*. Prerequisite: WGS 120 or consent of the instructor.

**398 PROFESSIONAL PRACTICE:
INTERNSHIP IN WOMEN'S
AND GENDER STUDIES
1-6 sem. hrs.**

Supervised work experience in local, state, national, or international businesses, agencies, institutions, or organizations focusing on gender issues and their intersections with race, class, sexuality, and ability. May be repeated; maximum 6 hours. Prerequisites: 6 hours of Women's and Gender Studies and consent of the Director of Women's and Gender Studies.

INTERDISCIPLINARY STUDIES (IDS) 604

Director: Jonathan Rosenthal,
Associate Provost for Undergraduate Education
401 Hovey Hall, Campus Box 4000
Phone: (309) 438-7018

University-Wide Courses

These courses may be offered by any department or school of the University. For specific departmental offerings contact the department or school advisor or visit the University website at IllinoisState.edu.

IDS**189, 289, 389 SELECTED STUDIES****1-6 sem. hrs.**

Experimental and interdepartmental courses providing content not offered within the framework of courses approved for inclusion in the *Undergraduate Catalog*. For descriptions of the courses offered each semester contact the department or school advisor or visit the University website at IllinoisState.edu.

193, 293, 393 WORKSHOP**1-6 sem. hrs.**

Workshop opportunities are provided for the purpose of permitting students to work on special topics not covered in any one course offered by the University. Topics for investigation by workshop participants are limited to areas in which the University is able to provide adequate workshop staff. Maximum of 6 hours may be applied toward graduation.

198, 298, 398 PROFESSIONAL PRACTICE**1-6 sem. hrs.**

Supervised work experiences in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised at the departmental level. University-wide coordination is provided through Professional Practice in Student and Alumni Placement Services or through the Office of Clinical Experiences if the experience is in an educational agency or institution. Maximum of 16 hours may be applied toward graduation. Prerequisite: Consent of the department chair or school director.

287 INDEPENDENT STUDY**1-6 sem. hrs.**

Intensive work in a special area of the student's interest. Each individual project is to culminate in a comprehensive written report or examination. Open only to students who are not on academic probation and who have demonstrated an ability to profit from independent study. Maximum of 6 hours may be applied toward graduation. Prerequisite: Consent of the department chair or school director and supervisor.

291 SEMINAR: UNDERGRADUATE TEACHING ASSISTANTS**1-3 sem. hrs.**

Supervised examination of issues related to the Undergraduate Teaching Experience. Seminar requires time beyond the UTA work experience. Maximum of 3 hours may be applied toward graduation. Prerequisites: Official designation as an Undergraduate Teaching Assistant (UTA). Consent of the department chair or school director.

299 HONORS INDEPENDENT STUDY**1-6 sem. hrs.**

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report or examination. Maximum of 6 hours may be applied toward graduation. Prerequisites: Consent of the instructor, department chair or school director, and Director of Honors.

397 INSTITUTE**1-9 sem. hrs.**

Federal- and state-sponsored institutes or similar short-term programs requiring treatment of subject matter of a special nature or for special groups.

STT**399 STUDENT TEACHING****1-16 sem. hrs.**

Directing the learning of pupils; participating in school and community activities; assuming full responsibility for a group of learners under the supervision of an expert teacher. Assignments are made on the basis of the student's area of specialization. The student's transcript indicates the area in which student teaching was completed.

Prerequisites for Student Teaching include: a minimum cumulative and major GPA which is established by each department or school, approval of department chair or school director, approval of the Director of The Ceclia J. Lauby Teacher Education Center, fifteen hours of coursework or equivalent at Illinois State, a grade of C or better in all major coursework, a grade of C or better in all professional coursework, completion of the second gateway Admission to Student Teaching which is part of the performance-based assessment system. All requirements for Admission to Student Teaching must be met by December 15 for student teaching during the spring semester and by July 15 for student teaching during the fall semester.

Other requirements as listed in the University-Wide Teacher Education section of this *Undergraduate Catalog*, including but not limited to: Gateway 3-Exit from Student Teaching:

- All education majors must meet the listed requirements in order to graduate and get licensed
- Student Teaching (grade of C or better)
- 50 Clinical Hours in a diverse setting
- Disposition/Communication Concerns Assessments
- edTPA

Effective fall 2013 all student teaching candidates must submit an evidenced-based assessment of teacher effectiveness approved by the State Board of Education (edTPA) as part of their student teaching assignment. Beginning September 1, 2015 students will be assessed using the edTPA on teacher effectiveness and each candidate must complete and pass the edTPA as required by Illinois law (105ILCS5/21B-30(f)). Additional tests may be required for select licensure programs and additional endorsements.

The following are Student Teaching Courses offered by departments/schools:

399A01 STUDENT TEACHING: AGRICULTURE**1-16 sem. hrs.**

May be repeated. See Agriculture section for total required hours. Prerequisites: AGR 190, 191, 295, 394. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A02 STUDENT TEACHING: ART**1-16 sem. hrs.**

May be repeated. See Art section for total hours required. Prerequisites: ART 309 or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A03 STUDENT TEACHING: BIOLOGICAL SCIENCES**1-16 sem. hrs.**

May be repeated. See Biological Sciences section for total hours required. Prerequisites: Requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A05 STUDENT TEACHING: BUSINESS EDUCATION**1-16 sem. hrs.**

May be repeated. See Agriculture section for total required hours. Prerequisites: BE 362, 363, 364, or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A09 STUDENT TEACHING: ENGLISH**1-16 sem. hrs.**

May be repeated. See English section for total required hours. Prerequisites: ENG 296, 297, or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A12 STUDENT TEACHING: FRENCH**1-16 sem. hrs.**

May be repeated. See Languages, Literatures, and Cultures section for total required hours. Prerequisites: LAN 319, 320, or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A13 STUDENT TEACHING: GERMAN**1-16 sem. hrs.**

May be repeated. See Languages, Literatures, and Cultures section for total required hours. Prerequisites: LAN 319, 320, or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A15 STUDENT TEACHING: SPANISH**1-16 sem. hrs.**

May be repeated. See Languages, Literatures, and Cultures section for total required hours. Prerequisites: LAN 319, 320, or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A18 STUDENT TEACHING: GEOGRAPHY**1-16 sem. hrs.**

May be repeated. See Geography section of this catalog for total required hours. Prerequisites: GEO 261, 307, or concurrent registration. (See other requirements in the University-Wide Teacher Education section of this *Undergraduate Catalog*.)

399A19 STUDENT TEACHING: EARTH AND SPACE**1-12 sem. hrs.**

May be repeated. See Geology section for total required hours. Prerequisites: GEO 307 or concurrent registration; BSC 307 or PHY 310, or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A20 STUDENT TEACHING: DANCE EDUCATION**1-16 sem. hrs.**

May be repeated. See Theatre and Dance section for total required hours. Prerequisites: Requirements as listed in the University-Wide Teacher Education section of this catalog.)

399A24 STUDENT TEACHING: FAMILY AND CONSUMER SCIENCES**1-16 sem. hrs.**

May be repeated. See Family and Consumer Sciences section for total required hours. Prerequisites: FCS 111 or 203 or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A27 STUDENT TEACHING: MATHEMATICS**1-16 sem. hrs.**

May be repeated. See Mathematics section for total required hours. Prerequisites: (Requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A28 STUDENT TEACHING: MUSIC**1-16 sem. hrs.**

May be repeated. See Music section for total required hours. Prerequisites: MUS 262; MUS 217 or 274. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A33 STUDENT TEACHING: TECHNOLOGY AND ENGINEERING EDUCATION**1-16 sem. hrs.**

May be repeated. See Technology section for total required hours. Prerequisites: TEC 307 or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A35 STUDENT TEACHING: HEALTH EDUCATION**1-16 sem. hrs.**

May be repeated. See Health Sciences section for total required hours. Prerequisites: HSC 391 or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A36 STUDENT TEACHING: SPEECH COMMUNICATION**1-16 sem. hrs.**

May be repeated. See Communication section of this catalog for total required hours. Prerequisites: COM 281 and 283 or concurrent registration. (See other requirements in the University-Wide Teacher Education section of this *Undergraduate Catalog*.)

399A43 STUDENT TEACHING: HISTORY SOCIAL SCIENCE EDUCATION**1-16 sem. hrs.**

May be repeated. See History section for total required hours. Prerequisites: HIS 290 and 390 or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A50 STUDENT TEACHING: ELEMENTARY EDUCATION**1-16 sem. hrs.**

May be repeated. See Teaching and Learning section for total required hours. Prerequisites: TCH 211 or 257, 258 and 264. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A54 STUDENT TEACHING: EARLY CHILDHOOD EDUCATION**1-16 sem. hrs.**

May be repeated. See Teaching and Learning section for total required hours. Prerequisites: TCH 274, 276, 277, 294. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A55 STUDENT TEACHING: MIDDLE LEVEL EDUCATION**1-16 sem. hrs.**

May be repeated. See Teaching and Learning section for total required hours. Prerequisites: TCH 233, 390, 395, 398. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A56 STUDENT TEACHING: MODERATE SEVERE OR MULTIPLE DISABILITIES**1-16 sem. hrs.**

May be repeated. See Special Education section for total required hours. Prerequisites: Requirements as listed in the University-Wide Teacher Education section of this *Undergraduate Catalog*.

399A58 STUDENT TEACHING: SPECIALIST IN DEAF AND HARD OF HEARING**1-15 sem. hrs.**

May be repeated. See Special Education section for total required hours. Prerequisites: SED 330, 353; SED 355, 359, and 375, or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A59 STUDENT TEACHING: SPECIALIST IN LEARNING AND BEHAVIOR**6-7 sem. hrs.**

May be repeated. See Special Education section for total required hours. Prerequisites: SED 252A01, 252A02, 284, 373, 382. (See other requirements in the University-Wide Teacher Education section of this *Undergraduate Catalog*.)

399A60 STUDENT TEACHING: MENTALLY RETARDED (EDUCABLE)**1-16 sem. hrs.**

May be repeated. See Special Education section for total hours required. Prerequisites: Requirements as stated in the University-Wide Teacher Education section of this catalog.

399A62 STUDENT TEACHING: SPEECH PATHOLOGY -AUDIOLOGY**1-16 sem. hrs.**

May be repeated. See Communication Sciences and Disorders section for total hours required. Prerequisites: Requirements as listed in the University-Wide Teacher Education section of this catalog.

399A64 STUDENT TEACHING: SPECIALIST IN LOW VISION AND BLINDNESS**1-16 sem. hrs.**

May be repeated. See Special Education section for total required hours. Prerequisites: SED 253A01, 253A02, 350, 351, 352, 356 or 363 or 364, 357, 358. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A65 STUDENT TEACHING: PDS LD/EMH**1-12 sem. hrs.**

May be repeated. Prerequisites: Requirements as stated in the University-Wide Teacher Education section of this catalog.

399A70 STUDENT TEACHING: THEATRE**1-16 sem. hrs.**

May be repeated. See Theatre and Dance section for total required hours. Prerequisites: THE 385 or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A72 STUDENT TEACHING: PHYSICS**1-16 sem. hrs.**

May be repeated. See Physics section for total required hours. Prerequisites: PHY 209, 302, 310, 311; and PHY 312 or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A73 STUDENT TEACHING: CHEMISTRY**1-16 sem. hrs.**

May be repeated. See Chemistry section for total required hours. Prerequisites: CHE 301 or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A74 STUDENT TEACHING: SECONDARY PHYSICAL EDUCATION**1-16 sem. hrs.**

May be repeated. See Kinesiology and Recreation section for total required hours. Prerequisites: KNR 242 or concurrent registration; KNR 341 or concurrent registration or KNR 365. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

399A75 STUDENT TEACHING: ELEMENTARY PHYSICAL EDUCATION**1-16 sem. hrs.**

May be repeated. See Kinesiology and Recreation section of this catalog for total required hours. Prerequisites: KNR 221 or concurrent registration. (Other requirements as stated in the University-Wide Teacher Education section of this catalog.)

Honors Courses (HON)

Honors courses that were formerly under IDS are in the Academic Opportunities-Honors Section of this catalog.

Interdisciplinary Studies Courses

106 CAREER CHOICE

1 sem. hr.

Introduction to theory of career decision making. Laboratory in the application of skills and strategies to individual career choices. Appropriate for freshmen and sophomores. Materials charge optional.

108 UNIVERSITY SUCCESS SKILLS

2 sem. hrs.

Intensive academic skills for first-year college students, with a focus on making a successful transition to the college classroom and expectations. Formerly IDS 189A12.

109 TRANSFER STUDENT SEMINAR

1 sem. hr.

A course assisting transfer students transition to the University, including exploration of involvement opportunities and social and academic adjustment issues. Formerly IDS 189A14. Prerequisite: First semester transfer student status.

111 PEACE STUDIES

3 sem. hrs.

SS

A general, interdisciplinary introduction to Peace Studies, including social justice, conflict resolution, global ecology, and education for an interdependent world. Includes arranged service learning hours.

112 EUROPEAN STUDIES: INTRODUCTION TO EUROPE

3 sem. hrs.

H

A general survey of Europe, including its geography, climate, languages, cultures, religions, and politics.

113 THE ENTREPRENEURIAL MINDSET

3 sem. hrs.

SS

The course explores concepts of entrepreneurship from an interdisciplinary perspective and a diverse range of disciplines through experiential learning.

121 TEXTS AND CONTEXTS

3 sem. hrs.

LH

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts. May not be taken under the P/NP option. See topics that may be offered below. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A03 MUSIC

3 sem. hrs.

LH

Interdisciplinary writing-intensive course focusing on significant musical styles, terminology, genres, composers and performers related to Western art music culture since the Middle Ages. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A04 THEATRE AND POLITICAL CHANGE IN THE U.S.

3 sem. hrs.

LH

May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A11 GERMANY BEFORE HITLER

3 sem. hrs.

LH

This writing intensive course on Germany's Weimar Republic focuses on humanities texts (broadly defined) chosen from literature, philosophy, history and the fine arts and examines them in an interdisciplinary fashion. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A16 CULTURE OF WAR

3 sem. hrs.

LH

This course examines the military culture of the western world and asks how war and society dovetail with one another; and examines such themes as death, leadership, technology, enemy, organization, and peacekeeping, among other things. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A17 THE 1960'S

3 sem. hrs.

LH

This course examines the history of the 1960s through the lens of the cold war, civil rights, and popular music. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A18 STYLES OF COMMUNICATION IN CLASSICAL GREEK TEXTS

3 sem. hrs.

LH

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A19 LITERARY STUDIES

3 sem. hrs.

LH

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A21 READING VERBAL AND VISUAL TEXT

3 sem. hrs.

LH

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A24 COMPARATIVE FRONTIERS

3 sem. hrs.

LH

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A27 PIRATES, CORSAIRS AND SWASHBUCKLERS THRU THE AGES

3 sem. hrs.

This course examines the history of piracy throughout the world from ancient to modern times and the pirate as cultural hero today. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A29 NATIVE WRITERS ON**NATIVE ISSUES****LH****3 sem. hrs.**

Interdisciplinary writing-intensive course examines historical and contemporary literature by Native writers to introduce key issues in Native American Studies. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A32 ART**LH****3 sem. hrs.**

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A33 HOLOCAUST LITERATURE**AND FILM****LH****3 sem. hrs.**

Interdisciplinary writing-intensive course focusing on significant humanities texts in relationship to their historical and cultural contexts. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

**121A37 THEATRE AND FILM-EXPLORATION
OF BLACK IDENTITY IN AMERICA****LH****3 sem. hrs.**

Through theatre and film, this course will explore the formation and evolution of the black identity in America. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A39 WOMEN X WOMEN**CONTEMPORARY PLAYWRIGHTS****LH****3 sem. hrs.**

Interdisciplinary writing intensive course that examines plays by contemporary women playwrights that explore female-to-female relationships: mothers and daughters, sisters, lovers, strangers, and friends. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

**121A47 ART, THE ARTIST: LITERATURE
AND FILM****LH****3 sem. hrs.**

An interdisciplinary, writing intensive course that takes as its text art in its various forms, and examines it through the context of how art and the idea of the artist are most commonly received: through mass culture, namely literature, film, the museum, and public space. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

**121A50 CITY AS TEXT: BERLIN AND MUNICH,
GERMANY****LH****3 sem. hrs.**

The study of the cities of Berlin and Munich, Germany, including their history, culture, commerce, traditions, and place in the global community. May not be taken under the P/NP option. Prerequisites: COM 110 or concurrent registration; ENG 101; Admission to the Honors Program.

121A51 FILM AND HISTORY:**HOLLYWOOD-AMERICA IN THE MID
20TH CENTURY****LH****3 sem. hrs.**

Study of historical films, i.e., films that depict historical events to determine if Hollywood has distorted history; study of films in order to learn about the historical period in which films were produced. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A52 ETHNIC STUDIES: ETHNIC**LITERATURES****LH****3 sem. hrs.**

This course will examine works by nineteenth- and twentieth-century writers who discuss the experiences of racialized persons in the United States. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A53 CITY AS TEXT: LIMA AND**CUSCO, PERU****LH****3 sem. hrs.**

The study of the cities of Lima and Cusco, Peru, including their history, culture, commerce, traditions, and place in the global community. May not be taken under the P/NP option. Prerequisites: COM 110 or concurrent registration; ENG 101; Admission to the Honors Program.

**121A55 SEEN AND NOT HEARD: CHILDREN
AND THE THEATRE****LH****3 sem. hrs.**

This course will explore the place of children as consumers of theatre. Students will read and analyze numerous plays for young audiences and place them within historical, political and social framework. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A56 AMERICAN IMMIGRATION**HISTORY****LH****3 sem. hrs.**

Survey of the immigration experience of women, men, and children who came to the U.S. from colonial era through the 20th century; will focus on migration and on the ways race, ethnicity, gender, class and national ideas shaped the lives of immigrants. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A57 JESUS IN AMERICAN CULTURE**LH****3 sem. hrs.**

The readings of this course delineate the history of how Jesus has been portrayed in American sermons, poetry, fiction, film, and art. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A58 CITY AS TEXT: FLORENCE,**ITALY****LH****3 sem. hrs.**

The study of the city of Florence, its history, culture, commerce, traditions, and place in the global community. May not be taken under the P/NP option. Prerequisites: COM 110 or concurrent registration; ENG 101; Admission to the Honors Program and completion of HON 102A87.

121A59 CLASSICAL MYTHOLOGY LH**3 sem. hrs.**

This course will explore the origins and development of Classical (Greek and Roman) Mythology. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A60 INTRODUCTION TO EUROPE LH**3 sem. hrs.**

This is a general survey of topics about Europe including its geography, climate, languages, cultures, religions, and politics. Students will form a better understanding of a part of the world which seems well-known, but remains mostly foreign and unfamiliar. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

121A61 WOMEN IN CHINESE HISTORY AND LITERATURE LH**3 sem. hrs.**

An interdisciplinary study of Chinese women from the Shang dynasty through the twentieth century. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

122 FIRST YEAR LEARNING IN COMMUNITIES SEMINAR**1 sem. hr.**

A seminar to assist first-semester students in their transition to the University, including exploration of majors, minors, and careers and opportunities for engagement in university and civic life. Formerly IDS 189A95.

122A01 FIRST YEAR LEARNING IN COMMUNITIES SEMINAR: SECOND SEMESTER

The intent of the Spring First Year LinC Seminar is to assist second semester students in their continued transition to the University community, and understanding how to maximize the resources provided at Illinois State. The seminar helps students further develop academic skills necessary for success in college in a small seminar environment.

122A02 LEARNING IN THE COMMUNITIES (LINC): VETERAN'S SEMINAR**1 sem. hr.**

The intent of the Veterans Seminar is to assist student veterans in their transition to the University community, Bloomington-Normal area, and civilian life. Student veterans will also gain an understanding of how to maximize the resources provided at Illinois State University as well as those offered by the surrounding community. The seminar helps students develop the academic skills necessary for success in college in a small seminar-style environment.

125 FOUNDATIONS OF CITIZENSHIP: AN INTRODUCTION TO CIVIC RESPONSIBILITY**3 sem. hrs.**

Designed to enhance students' basic knowledge, understanding, and skills in active citizenship and civic responsibility through introductory concepts and applied elements of civic engagement. Prerequisites: COM 110 and ENG 101.

133 INTERDISCIPLINARY STUDY ABROAD**1-6 sem. hrs.**

Study abroad. Specific topics and regions as approved and indicated by decimal and extended title. See topics below. Formerly IDS 189. May repeat if content differs.

133A01 BRITISH CULTURE AND SOCIETY**3-4 sem. hrs.**

Study abroad - British culture and society.

133A02 JAPANESE HISTORY, CIVILIZATION AND CULTURE**3 sem. hrs.**

Study abroad - Japanese history, civilization and culture.

133A03 EXPLORING KOREAN CULTURE AND EDUCATION: MULTICULTURAL AND GLOBAL**3 sem. hrs.**

Study abroad - Korean culture and education: multicultural and global.

133A04 INTRODUCTION TO MEXICAN CULTURE**3 sem. hrs.**

Experiential learning, language development, and community engagement in Mexico. Students will acquire understanding of Mexican culture, history, and politics.

133A05 FRENCH HISTORY, CIVILIZATION AND CULTURE**3 sem. hrs.**

Study Abroad - French history, civilization and culture.

133A08 ITALIAN LANGUAGE AND CULTURE - ORVIETO, ITALY**3 sem. hrs.**

Students will experience this formative region of the world and its rich cultural heritage from the perspective of multiple and interactive disciplines.

133A09 STUDY ABROAD: ARGENTINA HISTORY, CULTURE AND SOCIETY H**3 sem. hrs.**

Study the history, culture and society of Argentina within the broader context of South America through visits and research while interning in the Argentinean workplace.

133A11 MONTREAL, CANADA CULTURAL STUDY TOUR**3 sem. hrs.**

This course exposes students directly to the multicultural character of Montreal, Canada. Montreal provides a valuable focal point to assess how various social institutions address concerns that arise when peoples of different cultures encounter each other in a cosmopolitan urban setting with its own cultural traditions.

133A12 MOROCCAN LANGUAGE AND CULTURE, MEKNES, MOROCCO**3 sem. hrs.**

Summer study abroad in Meknes, Morocco. Includes beginning Moroccan Colloquial Arabic and cultural excursions. May be repeated if content differs.

78 Interdisciplinary Studies Courses

133A21 NETHERLANDS

3 sem. hrs.

Students study the history, culture and society of the Netherlands within the broader context of the European Union; explore the business in the European Union within an awareness of history and culture, as they develop skills to critically analyze primary and secondary evidence, develop market plans, and communicate their own ideas and group viewpoints clearly and effectively both orally and in writing.

133A25 NOVANCIA SCHOOL OF BUSINESS, PARIS FRANCE

1 sem. hr.

Explores intercultural competence and communication; Paris rhetoric, international and global marketing practices. Prerequisites: Completion of 39 hours; 2.80 GPA.

133A26 HANZE SCHOOL OF COMMUNICATION MEDIA AND IT, GRONINGEN

1 sem. hr.

Explores intercultural competence and communication; Eurozone laws, economics, and politics; and the diverse European cultures from a business perspective. Prerequisites: COM 178, 272 or equivalent.

194 CAREERS FOR HEALTH PROFESSIONALS

1 sem. hr.

Information and experience on careers in medicine, dentistry, osteopathy, podiatry, optometry, pharmacy, veterinary medicine, occupational therapy and physical therapy. Not for credit if had BSC 298A01. CR/NC only. Prerequisite: Consent of the pre-professional advisor.

203 NATIONS AND NARRATIONS

H

3 sem. hrs.

Construction of national identities from cultural, philosophical, religious, and political empires using narrative discourse as a lens. Topics vary and are designated by different decimals. See topics below. Prerequisites: COM 110 and ENG 101.

203A05 AFRICA

H

3 sem. hrs.

Construction of national identities from cultural, philosophical, religious, and political empires using narrative discourse as a lens.

203A10 EAST ASIA

H

3 sem. hrs.

Construction of national identities from cultural, philosophical, religious, and political empires using narrative discourse as a lens.

203A15 LATIN AMERICA

H

3 sem. hrs.

Construction of national identities from cultural, philosophical, religious, and political empires using narrative discourse as a lens.

204 SERVICE LEARNING: MEKNES MOROCCO

2 sem. hrs.

Students will work three hours per week at a host organization to increase language proficiency and gain valuable international experience. May be repeated; maximum of 4 hours. Prerequisites: IDS 133A12 or concurrent registration.

212 EUROPEAN STUDIES:

EUROPE TODAY

LH

3 sem. hrs.

An integrated survey of the major cultural, demographical, geographical, political, and social transformations of Europe east and west since 1945.

254 RELIGIONS AND CULTURES

LH

3 sem. hrs.

A critical examination of diverse religious discourses and literacies and how they construct and reflect identity based on cultural differences. May not be taken under the P/NP option. Prerequisites: COM 110 and ENG 101 or concurrent registration.

265 INTRODUCTION TO COGNITIVE SCIENCE: COMPUTERS, MINDS, BRAINS, AND ROBOTS

SMT

3 sem. hrs.

Explores fundamental principles from Psychology, Computer Science, Philosophy, Linguistics, and Biology that contribute to the scientific study of intelligent systems (minds). Prerequisites: MAT 113, 120, 130, 145 or one semester of Foreign Language.

274 PREPARING FOR THE EDTPA

1 sem. hr.

This course explores aspects of the edTPA, including planning, instruction, assessment, identifying evidence of practice, analytical writing, and supporting edTPA resources. Prerequisites: Completion of 60 hours. Education major.

275 TOPICS IN EUROPEAN STUDIES

3 sem. hrs.

Intermediate course in European Studies focusing on different themes, periods, or issues each semester. May be repeated if content is different; maximum of 12 hours.

298 PROFESSIONAL PRACTICE: INTERNSHIP /COOPERATIVE EDUCATION

1-6 sem. hrs.

Interdisciplinary directed project or on-the-job experience related to student's career interests under the supervision of internship coordinator or faculty of one or more departments or schools. Prerequisite: Junior standing.

298A02 PROFESSIONAL PRACTICE: MENTORSHIP IN HEALTHCARE PROFESSIONS

1 sem. hr.

Work in a mentorship environment with practicing professionals in specific areas of healthcare, including medicine, dentistry, optometry, and veterinary medicine. Not for credit if had BSC 298A02. CR/NC only. Prerequisites: IDS 194; a minimum 3.50 GPA and consent of the pre-professional advisor.

312 EUROPEAN STUDIES SENIOR SEMINAR

3 sem. hrs.

A capstone research project in European Studies. This project will be both interdisciplinary (typically involving humanities and social sciences) and inter-European (involving more than one nation or national culture). Prerequisites: IDS 112 or HIS 101, 102, or 107 and IDS 212.

375 RESEARCH IN EUROPEAN STUDIES**3 sem. hrs.**

Research in selected topics in European Studies. Topics will vary each semester. May be repeated if content is different; maximum of 12 hours.

**398A01 PROFESSIONAL PRACTICE INTERNSHIP/
COOPERATIVE EDUCATION OR CO-OP
IN PEACE STUDIES AND CONFLICT
RESOLUTION****3-6 sem. hrs.**

Practical experience, preferably in an international, national, or local organization where peacemaking conflict resolution skills are required and learned. Prerequisites: IDS 111 and Minor in Peace and Conflict Resolution Studies.

**398A02 PROFESSIONAL PRACTICE: SERVICE
LEARNING EXPERIENCE IN CIVIC
ENGAGEMENT****3 sem. hrs.**

This capstone course provides the opportunity to integrate academic study with service learning by having supervised, practical experience in a professional environment that focuses on civic responsibility. Prerequisite: Minor in Civic Engagement and Responsibility.

**398A03 PROFESSIONAL PRACTICE:
FOR INTERDISCIPLINARY STUDIES
MAJOR OR MINOR****1-16 sem. hrs.**

Supervised work experience in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised at the department level. Maximum of 16 hours may be applied toward graduation. Prerequisites: Major or Minor in Interdisciplinary Studies only. Consent of the instructor.

COLLEGE OF APPLIED SCIENCE AND TECHNOLOGY

Dean: Jan Murphy, 103 Turner Hall.

Senior Associate Dean: Todd McLoda.

Associate Dean: Kevin Laudner.

Website: CAST.IllinoisState.edu

The College of Applied Science and Technology offers programs to prepare students for professional and technical positions in education, government, business, and industry. Five departments in the College also offer teacher preparation programs. Faculty in the College are dedicated to the personal and academic development of their students as well as the discovery and application of theoretical knowledge and the advancement of professional practice in their respective areas. This is accomplished through a dynamic partnership of interdisciplinary learning, scholarship, and service that is built on a collaboration among students, faculty, and members of the professional community.

The College is comprised of six departments: Agriculture; Criminal Justice Sciences; Family and Consumer Sciences; Health Sciences; Military Science; and Technology and two schools: Information Technology and Kinesiology and Recreation.

The College offers graduate programs in Agriculture; Criminal Justice Sciences; Family and Consumer Sciences; Information Technology; Kinesiology and Recreation; and Technology. Descriptions and requirements of these programs may be found in the *Graduate Catalog*.

AGRICULTURE (AGR) 502

125 Ropp Agriculture Building, Phone: (309) 438-5654
Fax: (309) 438-5653

Web address: Agriculture.IllinoisState.edu

Email address: isuagr@IllinoisState.edu

Chairperson: Robert Rhykerd.

Tenured/Tenure-track Faculty:

Professors: Kopsell, Rhykerd, Smiciklas, Spaulding, Steffen.

Assistant Professors: Boerngen, Kibler, Lekatz.

General Department Information

HONORS IN AGRICULTURE

Departmental Honors in Agriculture is available to qualified juniors and seniors. The student completing the Honors Program graduation requirements will graduate "with Honors in Agriculture," which will be indicated on the student's official transcript and diploma. Admission to the Honors Program in Agriculture requires a minimum of sixty (60) semester hours of post-secondary courses with a cumulative grade point average of 3.50 or higher on a 4.00 scale. In order to graduate as an Honors Graduate in Agriculture, a student must fulfill the general requirements for participation in the University Honors Program. Students must also have a cumulative grade point average of 3.50 or higher; a cumulative grade point of 3.70 or higher for all courses taken in the Department of Agriculture; successfully completed two in-course honors in 200-level or higher courses in the student's technical area; successfully completed one in-course honors course in a 200-level or higher course offered outside the Department of Agriculture; and successfully completed a minimum of three credit hours of AGR 299, Independent Study. The Department of Agriculture offers in-course honors work in all its courses for students enrolled in the University Honors Program or in any departmental honors program. In-course work is offered at the discretion of the instructor. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Agriculture Program

Degree Offered: B.S.

MAJOR IN AGRICULTURE

Agribusiness Sequence:

- 36 hours in Agriculture and 19 hours in the College of Business and/or Department of Economics.
- Required courses (21-22 hours): ACC 131; AGR 109, 110; CHE 110 and 112, or 140; ECO 105; MAT 120.
- Choose four courses (12-14 hours) from: AGR 120, 130, 150, 157, 170, 205.
- The student must complete a minimum of 12 semester hours (within the 36 required in Agriculture) in Agribusiness courses selected from AGR 213, 214, 215, 216, 310, 311, 312, 313, 314, 315, 317, 318, 319, 320, 324.
- AGR 295, 394, and 395 do not count toward this major.
- Non-business majors who desire to elect more than 30 hours of their course work in business must meet all

College of Business requirements for graduation. These students should register for additional courses only in person and with the written permission of the College of Business advisor.

Agriculture Communication and Leadership Sequence:

- 37 hours in Agriculture and 18 hours in Communication required.
- Required Agriculture courses (25 hours): AGR 109, 110, 120, 130, 150, 170, 190, 192, 205.
- 3 hours from AGR 295 or 398.
- 3 hours from: AGR 319; EAF 228, 231, 235; or TCH 212.
- Additional required courses (6 hours): COM 111 and 297.

Agronomy Management Sequence:

- 55 hours in Agriculture required.
- Required Agriculture courses (28 hours): AGR 109, 150, 157, 234, 272, 305, 357, and choose one from AGR 110 or 170.
- 15 hours of senior level Agribusiness courses.
- 12 hours of Agronomy electives.
- Additional required courses (6-12 hours): BSC 101 or 196 or 197; CHE 102, or 110 and 112, or 140 and 141.

Animal Industry Management Sequence:

- 55 hours in Agriculture required.
- Required Agriculture courses (32-33 hours): AGR 109, 170, 173, 272, 275, 282, 283, 286; combination of AGR 380 and one from 381A01 or 381A02 or 381A03 or 398 (2 hours); and choose one from AGR 110, 120, 130, 150 or 157.
- 8 hours of Animal Science electives.
- 15 hours of Agribusiness electives.
- Additional required courses (6-12 hours): BSC 101 or 196 or 197; CHE 102, or 110 and 112, or 140 and 141.

Animal Science Sequence:

- 36 hours in Agriculture required.
- Required Agriculture courses (32-33 hours): AGR 109, 170, 173A01 or 173A02, 272, 275, 282, 283, 286; combination of AGR 380 and one from 381A01 or 381A02 or 381A03 or 398 (2 hours); and choose one from AGR 110, 120, 130, 150, or 157.
- 4 hours of Animal Science electives.
- Additional required courses (20-24 hours): BSC 196 or 197; CHE 110 and 112, or 140 and 141; CHE 220 or 230 and 231; and CHE 242 or 342; MAT 120 or 144 or 145.

Crop and Soil Science Sequence:

- 37 hours in Agriculture required.
- Required Agriculture courses (28 hours): AGR 109, 150, 157, 234, 272, 305, 357, and choose one from AGR 110 or 170.
- 9 hours of Agronomy electives.
- Additional required courses (20-24 hours): BSC 196 or 197; CHE 110 and 112, or 140 and 141; CHE 220, or 230 and 231; and CHE 242 or 342; MAT 120 or 144 or 145.

Food Industry Management Sequence:

- 36 hours in Agriculture and/or Family and Consumer Sciences and 19 hours in the College of Business and/or Department of Economics.
- Required courses (42-43 hours): ACC 131; AGR 109, 110, 271, 315, 317; AGR 205 or IT 150; CHE 110 and 112, or 140; ECO 105; ECO 138 or MQM 100; FIL 185; MKT 230; MAT 120.
- Choose one course (3-4 hours) from: AGR 120, 130, 150, 170.
- 15 hours from AGR 214, 215, 257, 285, 314, 319, 324, 340; FCS 102, 113, 213, 316, 319, 332.
- AGR 295, 394, and 395 do not count toward this sequence.

Horticulture and Landscape Management Sequence:

- 36 hours in Agriculture and 19 hours in the College of Business and/or Department of Economics.
- Required courses (38-39 hours): ACC 131; AGR 109, 110, 120, 130, 157; AGR 150 or BSC 196 or 197 (AGR 150 preferred); CHE 110 and 112, or 140; ECO 105; FIL 185; MAT 120.
- 12 hours from AGR 252, 253, 254, 255, 256, 257, 260, 262, 352, 353, 355, 356.
- AGR 295, 394, and 395 do not count toward this sequence.

Pre-Veterinary Medicine Sequence:

- 36 hours in Agriculture required.
- Required Agriculture courses (32-33 hours): AGR 109, 170, 173, 272, 275, 282, 283, 286; combination of AGR 380 and one from 381A01 or 381A02 or 381A03 or 398 (2 hours); and choose one from AGR 110, 120, 130, 150, 157.
- 4 hours of Animal Science electives.
- Additional required courses (35-37 hours): BSC 196 and 197; CHE 140, 141, 230, 231, and 242 or 342; MAT 144 or 145; PHY 108 and 109, or 110 and 111.
- A minimum of 3.00 GPA in chemistry courses must be achieved by 60 hours to remain in the Pre-Veterinarian Sequence.
- Must maintain a minimum 3.20 cumulative GPA to remain in the Pre-Veterinary Medicine Sequence.

Agriculture Teacher Education Sequence:

All Agriculture Teacher Education students planning to become licensed teachers must apply for and be admitted to the University Professional Studies program (see the University-Wide Teacher Education section of this *Undergraduate Catalog*). A cumulative 2.50 GPA and 2.50 GPA in the major are required for admission and retention in the sequence. Students are encouraged to consider a second licensure in an academic area such as Biological Sciences, Chemistry or Mathematics.

- 74-75 total hours required.
- 42 hours in Agriculture required.

- Required Agriculture courses (42 hours): AGR 109, 110, 120, 130, 150, 157, 170, 173, 190, 191, 205, 231, 295, 394, 395.
- Additional required courses (8-9 hours): BSC 196 or 197 (196 preferred); CHE 110 and 112, or 140.
- Professional Education requirements (14 hours): EAF 228 or 231 or 235; PSY 215; TCH 212, 216, and 219.
- A minimum of 100 clock hours of approved pre-student teaching clinical experiences; and Student Teaching 399A01 (10 hours). All professional education and content-area coursework required for the program must be passed with a grade of C or better. Program leads to licensure: secondary 6-12.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

MINOR IN AGRICULTURE

- 24 hours in Agriculture required.
- Required courses: AGR 109, two 100-level Agriculture courses.

Agriculture Courses

In meeting program requirements in the Department of Agriculture, the student should note that the courses are considered in areas, as follows:

General courses: AGR 109, 198, 201, 203, 205, 302, 303, 398.

Agribusiness: AGR 110, 213, 214, 215, 216, 310, 311, 312, 313, 314, 315, 317, 318, 319, 320, 324.

Agricultural Education: AGR 190, 295, 394, 395.

Agricultural Engineering Technology: AGR 130, 225, 231, 232, 234, 235, 304, 340, 383.

Agronomy: AGR 150, 157, 272, 305, 306, 352, 355, 357, 363.

Animal Science: AGR 170, 173, 271, 272, 275, 280, 282, 283, 285, 286, 288, 363, 372, 375, 380, 381A01, 381A03, 386.

Horticulture and Landscape Management: AGR 120, 150, 157, 252, 253, 254, 255, 256, 257, 260, 262, 352, 353, 355, 356.

109 INTRODUCTION TO THE AGRICULTURAL INDUSTRY**3 sem. hrs.**

Study of the agriculture programs within the department and career opportunities in agriculture.

110 INTRODUCTORY AGRICULTURAL ECONOMICS**3 sem. hrs.**

Fundamental principles of economics applied to agriculture, agriculture finance, prices, taxation, marketing, and land use.

120 INTRODUCTORY HORTICULTURE**3 sem. hrs.**

Introduction to principles and practices in development, production, and use of horticultural crops (fruits, vegetables, greenhouse, floral, turf, nursery, and landscape). Materials charge optional.

130 INTRODUCTION TO AGRICULTURAL ENGINEERING TECHNOLOGY**3 sem. hrs.**

Place of mechanics in agriculture. Examples, problems, discussions, and laboratory exercises in present and future mechanics applications. Lecture and lab. Materials charge optional.

150 PRINCIPLES OF AGRONOMY**4 sem. hrs.**

Fundamentals of plant science; importance, classification, distribution, and production practices of the major crops of the world. Lecture and lab.

157 SOIL SCIENCE**4 sem. hrs.**

Origin and formation, physical and chemical properties, moisture relationships, liming and fertilizing soils. Chemical and physical tests of soils. Lecture and lab. Prerequisite: CHE 102 or 110 or 140 or equivalent.

170 INTRODUCTION TO ANIMAL SCIENCE**3 sem. hrs.**

Breeding, selection, genetics, nutrition, physiology, and production of farm and companion animals. Fundamentals of animal science. Lecture.

173 WORKING WITH DOMESTIC ANIMALS**2 sem. hrs.**

Introduction to key techniques, procedures, and equipment associated with care and management of domestic animals. Lab. Materials charge optional. Formerly AGR 173A01 *INTRODUCTION TO ANIMAL SCIENCE LABORATORY: FARM ANIMALS* and 173A02 *INTRODUCTION TO ANIMAL SCIENCE LABORATORY: COMPANION ANIMALS*. Prerequisite: AGR 170 or concurrent registration.

190 INTRODUCTION TO AGRICULTURAL EDUCATION**2 sem. hrs.**

Introduction to formal and informal education in Agriculture. The philosophical basis, history, audiences, and methods in educational settings in agriculture. Prerequisite: Concurrent registration in AGR 191 or 192.

191 INTRODUCTION TO AGRICULTURAL EDUCATION TEACHER LICENSURE**1 sem. hr.**

Introduction to the agricultural teaching profession, licensure process, endorsements, preparation process at Illinois State University, teaching methods, classroom management and inclusion. Includes Clinical Experience: 10 hours. Prerequisite: AGR 190 or concurrent registration.

192 INTRODUCTION TO AGRICULTURAL COMMUNICATION AND LEADERSHIP**1 sem. hr.**

This course is an introduction to Agricultural Communication and Leadership; informal agricultural education settings and the communication field, media and campaign development. Prerequisite: AGR 190 or concurrent registration.

198 PROFESSIONAL PRACTICE: FARM INTERNSHIP**1-6 sem. hrs.**

Experience in basic agricultural operations. CR/NC only. Prerequisites: Major only. Approved application required. Minimum 45 hours experience/hours credit.

201 RESOURCES, FOOD, AND SOCIETY:**A GLOBAL PERSPECTIVE****SS****3 sem. hrs.**

Food and fiber production and distribution problems, policies, and processes analyzed within social, economic, political, and cultural contexts of societies. May not be taken under the P/NP option. Prerequisite: COM 110 or ENG 101 or concurrent registration.

272 AGRICULTURAL GENETICS**3 sem. hrs.**

Heredity, variation, and development of domesticated plants and animals. Mendelian genetics, mutations, linkage, quantitative inheritance, and population genetics.

275 INTRODUCTION TO ANIMAL NUTRITION**4 sem. hrs.**

Study of nutrients, their metabolism and utilization; digestive physiology in ruminants, non-ruminants and avians; diet formulation and ration balancing. Materials charge optional. Prerequisite: AGR 170.

280 LIVESTOCK AND DAIRY**CATTLE SELECTION****3 sem. hrs.**

Fundamentals of livestock and dairy selection; relation to production, marketing, and showing. Lab and field trips.

282 ANATOMY AND PHYSIOLOGY OF LIVESTOCK AND COMPANION ANIMALS I**3 sem. hrs.**

Anatomy and physiology of livestock and companion animals including the integumentary, skeletal, muscular, nervous, and cardiovascular systems. Materials charge optional. Formerly *PHYSIOLOGY OF FARM ANIMALS*. Prerequisites: AGR 170; BSC 196 or 197.

283 REPRODUCTIVE PHYSIOLOGY OF LIVESTOCK**3 sem. hrs.**

Comparative anatomy, physiology, and endocrinology of reproduction of livestock. Lecture and lab. Materials charge optional. Formerly *REPRODUCTIVE PHYSIOLOGY AND ARTIFICIAL INSEMINATION OF FARM ANIMALS*.

285 MEAT SCIENCE**3 sem. hrs.**

Comprehensive treatment of the meat industry and presentation of basic facts about one of our most important food products. Lecture and lab. Materials charge optional.

286 BEHAVIOR OF DOMESTIC ANIMALS**3 sem. hrs.**

Behavioral patterns and systems, group formations, socialization, physical environment, genetic and physiological factors as they relate to domestic animals. Prerequisite: AGR 170 recommended.

292 ANATOMY AND PHYSIOLOGY OF LIVESTOCK AND COMPANION ANIMALS II**3 sem. hrs.**

Anatomy and physiology of livestock and companion animals including the respiratory, lymphatic, digestive, endocrine, urinary, and reproductive systems. Lecture and lab. Materials charge optional. Prerequisites: AGR 170; BSC 196 or 197.

295 SUMMER INTERNSHIP IN AGRICULTURAL EDUCATION**3 sem. hrs.**

Experience in the profession of agricultural education in high school. Includes program planning and working with special-needs students. Includes Clinical Experience: 100 hours. Prerequisite: Admission to Professional Studies.

302 SPECIAL PROBLEMS IN AGRICULTURE**1-3 sem. hrs.**

Special work in research interests of student and staff. Projects must be approved by the staff member and the Chairperson of the Department. May be repeated; maximum 6 hours. Prerequisites: Major or minor in Agriculture or Agriculture Business; 2.50 GPA required.

303 SEMINAR IN AGRICULTURE**1 sem. hr.**

Prerequisite: Senior or graduate standing required.

304 GEOSPATIAL TECHNOLOGIES IN AGRICULTURE**3 sem. hrs.**

To understand the acquisition and analysis of geographically referenced data for the management of crop production systems.

305 CROP GROWTH AND DEVELOPMENT**4 sem. hrs.**

Crop management and plant growth as influenced by the environment, plant species, cropping systems, and principles of integrated crop management (ICM). Lecture and lab.

306 WEED SCIENCE**3 sem. hrs.**

Principles and practices of weed management systems, including chemical and non-chemical controls. Identification and biology of common weed species. Lecture and lab.

311 STRATEGIC AGRIBUSINESS SALES**3 sem. hrs.**

Skills, ethics and behavior theories and concepts for the professional, business-to-business, agribusiness salesperson. Prerequisites: A minimum of 45 hours completed or in progress; AGR 215 or consent of the instructor.

312 MANAGERIAL ACCOUNTING FOR AGRICULTURAL PRODUCERS**3 sem. hrs.**

Advanced farm business records and analysis with emphasis on computer applications. Formerly *ADVANCED FARM ACCOUNTING*. Prerequisites: AGR 213 and 216.

313 ADVANCED FARM MANAGEMENT**3 sem. hrs.**

Farm business decisions and their interrelationships. Examination of statics, dynamics, and uncertainty in agricultural decision-making. Prerequisites: AGR 213 and 216.

314 MARKETING GRAIN AND LIVESTOCK**3 sem. hrs.**

Economic principles applied to marketing grain and livestock. Consideration given to producers and distributors of grain. Prerequisite: AGR 214 or consent of the instructor.

315 FINANCIAL MANAGEMENT AND ANALYSIS OF THE AGRIBUSINESS FIRM**3 sem. hrs.**

Application of quantitative concepts and methods to the analysis and financial management of proprietary and cooperative agribusiness firms. Prerequisites: AGR 215; MAT 120; and AGR 216 or ACC 131 or consent of the instructor.

317 FOOD INDUSTRY MARKETING AND STRATEGIC MANAGEMENT**3 sem. hrs.**

Marketing management and decision-making as they relate to corporate and cooperative marketing and strategic problem solving in the food industry. Prerequisite: AGR 215 or consent of the instructor.

318 AGRICULTURAL FINANCE**3 sem. hrs.**

Principles of agricultural finance including the capital requirements, the sources of credit, and the optimum uses of capital. Prerequisite: AGR 216 or ACC 131.

319 AGRICULTURAL POLICIES AND PROGRAMS**3 sem. hrs.**

History and impact of governmental intervention in agriculture. Examination of major agricultural programs, past and present. Prerequisite: AGR 110.

320 FARM COMMODITY PRICING**3 sem. hrs.**

Theory and mechanics of price determination for agriculture commodities. Prerequisite: AGR 214.

324 COMMODITY FUTURES AND OPTIONS**3 sem. hrs.**

Examines the evolution of futures markets and the use of futures and options contracts as price risk management tools. Prerequisite: AGR 214 or consent of the instructor.

352 RESIDENTIAL AND SPORTS TURF MANAGEMENT**3 sem. hrs.**

Principles and practices used in the management of residential and recreational turfgrasses. Lecture, lab and field trips. Materials charge optional. Prerequisites: AGR 120 and 150 or consent of the instructor.

353 LANDSCAPE DESIGN**3 sem. hrs.**

Problem solving approach to landscape design. Topics include design principles, site measurement and base map preparation, functional diagrams, form composition, plant selection and preparation of preliminary and master plans. Lectures and drafting laboratories. Materials charge optional. Formerly *LANDSCAPE DESIGN AND CONSTRUCTION*. Prerequisites: AGR 252 and 255.

355 PLANT BIOTECHNOLOGY AND BREEDING**3 sem. hrs.**

Breeding procedures and techniques used in developing new varieties of field crops.

357 SOIL FERTILITY AND FERTILIZERS**4 sem. hrs.**

Fundamental concepts of soil fertility and fertilizer manufacturing. Plant nutrition, factors affecting plant growth, soil-plant relationships, and macro- and micro-nutrients. Lecture, lab, and field trips. Prerequisite: AGR 157.

363 AGRICULTURAL STATISTICS**3 sem. hrs.**

Principles of agricultural research for plant and animal sciences; includes design, data collection, interpretation, and presentation of results. Formerly *AGRICULTURAL EXPERIMENTATION*. Prerequisite: MAT 120 or 144.

372 LIVESTOCK BREEDING**3 sem. hrs.**

Reproduction and principles of heredity and their application to livestock breeding; population genetics, inbreeding, relationship, outbreeding, and selection. Prerequisite: AGR 272 or BSC 219.

375 ANIMAL NUTRITION**3 sem. hrs.**

Science of animal nutrition; special attention to recent discoveries pertaining to the protein, mineral, and vitamin requirements of livestock. Field trips. Offered odd-numbered years. Prerequisites: AGR 170 and 171.

380 CURRENT ISSUES IN THE LIVESTOCK INDUSTRY**3 sem. hrs.**

A study of the history and evolution of the livestock industry as impacted by internal and external factors. Lecture. Formerly *CURRENT ISSUES IN THE BEEF CATTLE INDUSTRY*. Prerequisites: AGR 170, 173, 272, 275, 282, 283, 286, or consent of the instructor. A minimum of 75 hours completed or in progress is recommended.

381A01 LIVESTOCK INDUSTRY: BEEF CATTLE**2 sem. hrs.**

Basic principles and commercial practices involved in feedlot and cow-calf management. Lecture and lab. Not for credit if had AGR 378, 381 *BEEF CATTLE INDUSTRY*. Prerequisites: AGR 170, 173, 272, 275, 282, 283, 286, 380 or concurrent registration, or consent of the instructor.

381A03 LIVESTOCK INDUSTRY: SWINE**2 sem. hrs.**

Basic principles and commercial practices involved in swine management. Lecture and lab. Not for credit if had AGR 276. Prerequisites: AGR 170, 173, 272, 275, 282, 283, 286, 380 or concurrent registration, or consent of the instructor.

383 AGRICULTURAL SAFETY AND HEALTH**3 sem. hrs.**

Major problems of accident causation and prevention applicable to agriculture and the need for farm safety education, engineering, and enforcement countermeasures. Half-day Saturday field trip at end of semester required. Also offered as HSC 383.

386 ANIMAL WELFARE**2 sem. hrs.**

Examination of the multidisciplinary tools used to study and assess animal welfare. Prerequisites: AGR 170 and 286 or consent of the instructor.

392 PRINCIPLES OF AGRICULTURAL LEADERSHIP**3 sem. hrs.**

This course is a critical exploration of the theory, research and best practices of leadership applied in the agricultural field. Prerequisite: A minimum of 45 hours completed or in progress, or consent of the instructor.

**394 METHODS AND PROCEDURES IN
AGRICULTURAL EDUCATION**

3 sem. hrs.

Procedures in planning, conducting, and evaluating an agricultural education program; pragmatic interfacing of learning theories, philosophy and guidance with instructional programs in agriculture. Includes Clinical Experience: 10 hours. Prerequisite: Admission to Professional Studies.

**395 PROFESSIONAL SEMINAR
IN AGRICULTURE EDUCATION**

2 sem. hrs.

In-depth analysis of selected trends, issues, and problems confronting the agricultural educator. Prerequisites: STT 399A01 concurrent registration, Admission to Professional Studies.

**398 PROFESSIONAL PRACTICE:
INTERNSHIP IN AGRICULTURE**

1-6 sem. hrs.

Supervised on-the-job experience in an agriculture setting. Minimum 45 hours experience/credit. May be repeated; maximum 6 hours. Prerequisites: Major in any Agriculture program; 2.50 GPA; 8 hours of course work in intern area; approved application required.

CRIMINAL JUSTICE SCIENCES (CJS)

525

441 Schroeder Hall, (309) 438-7626

Web address: CriminalJustice.IllinoisState.edu

Chairperson: Jacqueline Schneider.

Tenured/Tenure-track Faculty:

Distinguished Professor: Weisheit.*Professors:* Beichner, Krienert, Rabe-Hemp, Schneider.*Associate Professors:* Gizzi, Ingram, Walsh.*Assistant Professors:* Clevenger, Mulvey, Rossler.

General Department Information

The purpose of the Criminal Justice Sciences program is to provide the student with a system orientation to the field of Criminal Justice. Study in Criminal Justice involves the application of the principles of Criminal Justice and the related behavioral and social sciences to problems and issues in the field of Criminal Justice. The program focuses on the building of knowledge in the areas of policing, courts, and corrections from a social science perspective. Students develop a knowledge base for an in-depth understanding of human behavior and the kinds of problems and circumstances that often result in criminality. Finally, the program provides students with the opportunity to gain necessary skills in the area of interviewing, program development, community organization, planning and research to function in a professional position in the field of Criminal Justice.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

The Department of Criminal Justice Sciences reserves the right to maintain a balanced enrollment.

- a. This may restrict the numbers of freshmen, transfer students, and continuing students who wish to be Criminal Justice Sciences majors.
- b. Most Criminal Justice Sciences courses are restricted to Criminal Justice Science majors.

Retention Requirements:

Criminal Justice Sciences majors must maintain a cumulative GPA of at least 2.40 every semester. If, at any given time, a student's GPA falls below a 2.40 that student may be removed from the major and reclassified as Undeclared. After a student is reclassified as Undeclared, all rights as a major are forfeited, including the right to be eligible to do the Criminal Justice Sciences internship.

Students who have been reclassified must meet regular admission requirements to be eligible for readmission to the major.

HONORS IN CRIMINAL JUSTICE SCIENCES

The Department offers honors study in Criminal Justice Sciences to highly qualified students who will pursue an individualized program of study. The Honors Program enables the student to focus on topics of the student's own choosing in close consultation with a Criminal Justice Sciences Department faculty member.

Students must also fulfill the general education requirements for participation in the University's Honors Program. Successful completion of the Honors Program will provide the designation of Honors in Criminal Justice Sciences upon graduation. The University will note the Honors designation on official transcripts and the diploma. Requirements include being in good standing with the Honors Program and are reviewed at the end of the final semester. These requirements include:

1. 3.30 cumulative GPA;
2. 3.50 major GPA;
3. Fulfill Honors Program participation requirements: One (1) Honors Learning Experience per semester in the program, including the final semester. Please note: students are not required to complete an Honors Learning Experience when they are off-campus.
4. Complete three (3) Honors Learning Experiences in CJS courses, which may include:
 - Honors Section
 - Honors Contracts for in-class honors
 - Honors Research
 - Honors Explorations (maximum of 2)
5. Complete an Honors Capstone Experience, which may include:
 - Honors Independent Study (299)
 - Honors Thesis (HON 395)

Students interested in participating in the Honors Program should inquire about admission in the Office of the Department of Criminal Justice Sciences. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Criminal Justice Sciences Programs

Degrees Offered: B.A., B.S.

MAJOR IN CRIMINAL JUSTICE SCIENCES

- 64 hours required.
- Required courses (40 hours): CJS 101, 200, 201, 207, 208, 241, 300, 398A01* (6 hours), 398A02* (6 hours); ENG 145; PSY 110 or 111; SOC 106.
- 24 hours of electives selected with the approval of the academic advisor. A minimum of 15 hours must be selected from Illinois State University Department of Criminal Justice Sciences course offerings (Group I): CJS 206, 210, 212, 215, 216, 217, 240, 287, 291, 299, 305, 306, 307, 308, 310, 311, 312, 322, 337, 338, 339,

342, 360, 369, 395.

The remaining electives (Group II) must be taken from the list of recommended courses from other departments at Illinois State University, or may be appropriate transfer credit. Group II electives courses in other departments: LAN (CHI, FRE, GER, ITA, JPN, LAT, POR, SPA) 111, 112, 115, 116 (8 hour maximum); FIL 185; MQM 220, 221; POL 201, 215, 231, 330, 331; PSY 223, 233, 302, 350; SOC 223, 263, 264, 365, 367.

*Students seeking enrollment in CJS 398A01 and 398A02 must complete necessary paperwork for application to the internship which will be received during mandatory meetings set by the Internship Coordinator. To be eligible, the student must have: (1) completed 90 semester hours, (2) an overall and major GPA of 2.40 at the time referrals are made, and (3) completed all required courses including SOC 106; PSY 110 or 111; and ENG 145. Students who have significant professional experience in the criminal justice system or related field, may apply for an exemption to the internship requirement. If approved, students must take 12 hours of coursework approved by the academic advisor. Students eligible for an internship will, with the assistance of the internship coordinator, choose an agency from a list of approved agencies. Students may also participate in out-of-state internships.

MINOR IN CRIMINAL JUSTICE SCIENCES

- 21 hours required.
- Required courses: CJS 101, 200, 201, 207, 208.
- 6 hours of electives selected, with the approval of an academic advisor, from the Department of Criminal Justice Sciences course offerings.
- **NOTE:** Space in Criminal Justice Sciences courses is limited for non-majors.

Please see the department website for specific criteria for admission and retention to the minor.

Criminal Justice Sciences Courses

101 INTRODUCTION TO CRIMINAL JUSTICE SCIENCES

3 sem. hrs.

An analysis of the criminal justice system focusing on the police, courts, and corrections.

102 INDIVIDUALS, SOCIETY, AND JUSTICE ICL

3 sem. hrs.

Explores justice, law, and civic life from historical, comparative, social science, and contemporary cultural perspectives. May not be taken under the P/NP option. Not for credit major or minor.

200 CONTEMPORARY CORRECTIONS

3 sem. hrs.

Familiarizes students with correctional alternatives as they currently exist. Controversies and emerging trends in corrections will be considered. Prerequisite: Major or minor only or consent of the department advisor.

201 CRIME AND BEHAVIOR

3 sem. hrs.

Theoretical and conceptual explanations of criminal behavior. Prerequisite: Major or minor only or consent of the department advisor.

206 FUNDAMENTALS OF CRIMINAL INVESTIGATION

3 sem. hrs.

An intensive analysis of the criminal investigation process including information gathering and analysis, preservation of evidence, legal issues, and investigative strategies. Prerequisite: Major or minor only or consent of the department advisor.

207 CONTEMPORARY POLICING IN AMERICA

3 sem. hrs.

Survey of law enforcement, its history, police practices, functions, and related issues and concepts of contemporary police. Prerequisite: Major or minor only or consent of the department advisor.

208 CRIMINAL LAW

3 sem. hrs.

Survey of criminal law, including development of substantive criminal law. Examination of judicial opinions related to the criminal justice process. Prerequisite: Major or minor only or consent of the department advisor.

210 CRIMINAL COURT SYSTEMS

3 sem. hrs.

Survey of the role of criminal courts in the criminal justice system, including plea bargaining, trials, juries, and appellate courts. Not for credit if had CJS 360A11. Prerequisite: Major or minor only, or consent of the department advisor.

212 COMMUNITY CORRECTIONS

3 sem. hrs.

Theoretical basis, current methodology, and operations: court counselors, citizen action, half-way houses, work-release, drug abuse treatment, detention, reception and diagnostic centers, and probation and parole. Prerequisites: CJS 200. Major or minor only or consent of the department advisor.

215 JUVENILE JUSTICE

3 sem. hrs.

The processing and treatment of juvenile offenders. Examines the organization, operation, and goals of the individuals, agencies, and institutions that work with youthful offenders. Prerequisite: Major or minor only or consent of the department advisor.

216 CRIMINAL JUSTICE ETHICS

3 sem. hrs.

Examines ethical issues in the administration of criminal justice, including those faced by police, courts, and corrections. Formerly CJS 289A07. Prerequisite: Major or minor only or consent of the department advisor.

217 CRIMINAL JUSTICE POLICY

3 sem. hrs.

Explores how criminal justice policy is made and investigates many prominent policies in the contemporary criminal justice system. Formerly CJS 289A11. Prerequisite: Major or minor only or consent of the department advisor.

240 HISTORY OF CRIMINAL JUSTICE**3 sem. hrs.**

Crime and the American criminal justice system from the colonial period until the mid-20th century.

241 INTERNSHIPS AND CAREERS IN CRIMINAL JUSTICE**1 sem. hr.**

Provides an overview of career opportunities in criminal justice, and prepares students for the required internship experience. Prerequisites: Completion of 30 hours or consent of the department advisor. Majors only.

298A50 PROFESSIONAL PRACTICE: COOPERATIVE EDUCATION IN CRIMINAL JUSTICE**1 sem. hr.**

Paid, supervised experiences in local, state, and federal criminal justice agencies. Enrollment limited, based on availability of sites. May be repeated once. Prerequisites: Sophomore or junior standing. Major or minor only or consent of the department internship coordinator.

300 RESEARCH METHODS**3 sem. hrs.**

Assesses basic components of how research is conducted in criminal justice inquiries. Examines the criteria for social scientific research in the criminal justice field. Prerequisites: CJS 101; 45 hours completed. Major or minor only or consent of the department advisor.

305 CRIMINAL PROCEDURE AND EVIDENCE**3 sem. hrs.**

Law of criminal procedure, types of evidence, and legal requirements relating to the admissibility of evidence in court. Formerly *RULES OF EVIDENCE FOR THE ADMINISTRATION OF JUSTICE*. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

306 EXPERIENCES IN INTERNATIONAL JUSTICE**3 or 6 sem. hrs.**

The course involves an exploration of a foreign country. Students will have exposure to cultural, political, social and criminal justice issues. Travel fees apply. Prerequisite: Freshman standing (12 hours completed).

307 FAMILY VIOLENCE: CROSS-CULTURAL PERSPECTIVES**3 sem. hrs.**

Analysis of family violence in the United States and other countries. Emphasis on police and judiciary response, solutions and treatments. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

308 RACE, ETHNICITY, AND CRIMINAL JUSTICE**3 sem. hrs.**

Historical and contemporary perspectives of race, ethnicity, crime, and justice relations in the United States. Prerequisite: Major or minor only or consent of the department advisor.

310 CORRECTIONAL INSTITUTIONS**3 sem. hrs.**

An intensive analysis of correctional institutions and jails focusing on management issues, inmate subcultures, and prisonization. Prerequisites: CJS 200; 45 hours completed. Major or minor only or consent of the department advisor.

311 CRIMINALIZING MENTAL ILLNESS**3 sem. hrs.**

Historical precedents and new innovations to deal with the rising number of mentally ill in the criminal justice system. Formerly CJS 389A22 *CRIMINALIZING THE MENTALLY ILL*. Prerequisite: Major or minor only or consent of the department advisor.

312 CRIMINAL BEHAVIOR ANALYSIS**3 sem. hrs.**

A broad study of criminal behavior analysis and investigative techniques as they apply to predatory and frequently violent offenders. Formerly CJS 389A21. Prerequisites: Completion of 45 hours. Major or minor only or consent of the department advisor.

322 COMMUNICATION SKILLS IN CRIMINAL JUSTICE**3 sem. hrs.**

Development of interpersonal communication, interviewing and decision-making skills for intervention with criminal justice clients. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

337 SEX OFFENDERS AND THE CRIMINAL JUSTICE SYSTEM**3 sem. hrs.**

Analysis of sex offender prevalence and typologies. Emphasis on assessment, treatment, and management within the community. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

338 ALCOHOL, DRUGS, AND CRIME**3 sem. hrs.**

Analysis of the impact of alcohol and drugs on crime and the criminal justice system. Prerequisites: CJS 101; 45 hours completed. Major or minor only or consent of the department advisor.

339 WOMEN IN CRIMINAL JUSTICE**3 sem. hrs.**

Historical and theoretical perspectives and contemporary trends concerning women and crime and processing of women by the criminal justice system. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

342 VICTIMOLOGY**3 sem. hrs.**

An examination of the victim's role in the criminal event, the process of victimization, patterns, trends, theories, and victim offender relationships. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

360 ISSUES IN CRIMINAL JUSTICE**1-4 sem. hrs.**

A critical and analytical study of a contemporary issue or controversy in the field of criminal justice. May be repeated if content is different; maximum 6 hours. Prerequisites: 45 hours completed. Major or minor only or consent of the department advisor.

360A18 TERROR AND COUNTERTERRORISM**3 sem. hrs.**

The purpose of this course is to familiarize students with the ideology, motivation, and methods of the numerous terrorist groups in existence over the last two centuries in order to provide a basis for an understanding of contemporary terrorist organizations and their impact on the national security of the United States. Prerequisites: 45 hours completed. Major/minor only or consent of department advisor.

369 WORLD CRIMINAL JUSTICE SYSTEMS**3 sem. hrs.**

Explores the nature of crime and justice around the world. Provides a comparison of varying systems of justice in selected countries. Prerequisite: 45 hours completed or consent of the department advisor.

395 CRIMINAL JUSTICE ADMINISTRATION**3 sem. hrs.**

Aspects of organizational behavior in criminal justice agencies, including management, leadership, and professionalism. Prerequisites: CJS 101; 45 hours completed. Major on minor only or consent of the department advisor.

398A01 PROFESSIONAL PRACTICE:**CRIMINAL JUSTICE INTERNSHIP I****6 sem. hrs.**

Field placement in a criminal justice related agency. Interns work with designated agency personnel and receive an overview of agency functions. CR/NC only. Prerequisites: Consent of the department internship coordinator. Criminal Justice Sciences major only. See Criminal Justice Sciences major requirements for enrollment limitations.

398A02 PROFESSIONAL PRACTICE:**CRIMINAL JUSTICE INTERNSHIP II****6 sem. hrs.**

Intensive experience in a single criminal justice agency setting. CR/NC only. Prerequisites: CJS 398A01 and consent of the department internship coordinator. Criminal Justice Sciences major only. See Criminal Justice Sciences major requirements for enrollment limitations.

FAMILY AND CONSUMER SCIENCES (FCS) 506

110 Turner Hall, (309) 438-2517; Fax: (309) 438-5659

Web address: FCS.IllinoisState.edu

Email: FCS@IllinoisState.edu

Chairperson: Ani Yazedjian.

Tenured/Tenure-track Faculty:

Professors: Murphy, Nnakwe, Walters, Yazedjian.

Associate Professors: Anderson, Banning, Gam, Harpel, Ma, Yu.

Assistant Professors: Arnett-Hartwick, Barnes, Dyar, Schumacher, Vollmer.

General Department Information

Family and Consumer Sciences is a profession committed to improving the quality of life for individuals and families. The mission of the department is to provide integrative study of the human environment and systems that impact and strengthen individuals, family units, agencies, businesses, and the community at large.

The Department serves undergraduate and graduate majors specializing in fields such as interior design, child development, family life education, nutrition and dietetics, fashion design and merchandising, and family and consumer sciences teacher education. The undergraduate programs of the department are accredited by the American Association of Family and Consumer Sciences.

HONORS IN FAMILY AND CONSUMER SCIENCES

The Department offers honors work in each Family and Consumer Sciences program to highly qualified students. Candidates must be full-time students, declared Family and Consumer Sciences majors, and have an overall 3.30 GPA. Honors requirements include completion of at least 3 in-course honors at the 200-level or above. Honors students may also pursue Honors in the Major. This would involve at least 2 Honors projects taken in the Department and the completion of FCS 299, culminating in a substantial research project. The Department also offers in-course honors work in all courses for students enrolled in the University Honors Program or in any departmental honors program. In-course honors work is offered at the discretion of the instructor. For further information contact the departmental advisor. All Family and Consumer Sciences honors students must fulfill the general requirements for participation in the University Honors Program. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Family and Consumer Sciences Programs

Degrees Offered: B.A., B.S.

Admission Requirements for Family and Consumer Sciences Majors (Non-Teacher Education Options):

A student may enter a major or minor in the Department of Family and Consumer Sciences as a freshman,

transfer student, or as a change of major at Illinois State University. Students should contact the Family and Consumer Sciences undergraduate advisor for minimum GPA requirements and/or other admission requirements. Options in the Department of Family and Consumer Sciences are in high demand and admissions are based on a combination of student qualifications and course capacities.

MAJOR IN FAMILY AND CONSUMER SCIENCES

Degrees Offered: B.A., B.S.

General Sequence:

Students in the General Sequence in the Family and Consumer Sciences major receive a broad education which prepares them for general careers in a variety of settings that enhance the lives of individuals, their families, communities and organizations. Those who study family and consumer sciences at a professional level acquire the knowledge and skills to help people make informed decisions to safeguard their health and optimize their quality of life. Students are provided opportunities to develop the knowledge, skills, attributes, and behaviors needed in a diverse and global society. Students will find this degree beneficial to developing their own unique professional career path. Students are encouraged to consider completing a minor.

Option 1:

- 54 hours required.
- 9 hours in FCS core: FCS 100, 200, 300, 398.
- 27 hours in General FCS core: FCS 101, 102, 104, 113, 222, 226, 231, 232, 242.
- 18 hours of electives (9 hours of which must be at the 300-level) from the following: FCS 122, 212, 213, 214, 217, 218, 224, 225, 228, 250, 251, 254, 304, 305, 311, 333, 334, 338, 347, 348, 361, 362, 363.

Option 2:

- 55 hours required.
- 9 hours in FCS core: FCS 100, 200, 300, 398.
- 18 hours from one of the FCS discipline areas: Fashion Design and Merchandising; Food, Nutrition and Dietetics; Human Development and Family Science; or Interior Design.
- 28 hours of electives (9 hours of which must be at the 300-level) from the following: FCS 101, 122, 212, 213, 214, 217, 218, 224, 225, 226, 228, 231, 232, 246, 250, 254, 304, 305, 309, 311, 318, 319, 333, 334, 338, 347, 348, 352, 361, 362, 363.

Family and Consumer Sciences Teacher Education Sequence:

Selective Admission-Retention Requirements for the Teacher Education Sequence:

Selective Admission:

All Family and Consumer Sciences Education students planning to become licensed teachers must apply for and be admitted to the University's Professional Studies program

(see the University-Wide Teacher Education Program section of this *Undergraduate Catalog*). Upon applying for admission each Family and Consumer Sciences student must have verified the following:

1. A minimum GPA of 2.50 overall and in all Family and Consumer Sciences courses including Professional Education courses.
2. A positive recommendation for Admission to Professional Studies by all Family and Consumer Sciences faculty. See departmental advisor for procedure.
3. An interview with the Family and Consumer Sciences Education Coordinator.

Selective Retention:

In order to receive departmental approval for a student teaching assignment the student must verify the following:

1. Maintain a minimum GPA of 2.50 in all courses and in all Family and Consumer Sciences courses including Professional Education courses.
2. Completion of FCS 200, or the equivalent for transfer students.

Family and Consumer Sciences Teacher Education Sequence:

Part of the endorsement program leading to licensure by the State of Illinois for teaching Family and Consumer Sciences courses grades 9-12. "Nutrition, Wellness, and Hospitality" designation.

- 65 hours required.
- 41 hours of Family and Consumer Sciences requirements.
- 8 hours in FCS core: FCS 100, 200, 300.
- 24 hours of sequence courses: FCS 101, 102, 111, 113, 203, 231, 250, 390, and
 - 3 hours required from: FCS 104, 242, or 338.
 - 3 hours required from: FCS 122, 222, 225, or 226.
 - 3 hours required from: FCS 232, 330, or 333
- 24 hours in Professional Education requirements: EAF 228 or 231 or 235; PSY 215; TCH 212, 216 and 219; STT 399A24 (10 hours).

See the Family and Consumer Sciences advisor for information about courses that count towards additional Family and Consumer Sciences designations. See Professional Studies Admission-Retention program found in the University-Wide Professional Studies Program Requirements for admission and retention standards. Also see the Family and Consumer Sciences Selective Admission-Retention Requirements section of this Undergraduate Catalog.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program.

The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

MAJOR IN FASHION DESIGN AND MERCHANDISING

Degrees Offered: B.A., B.S.

The Fashion Design and Merchandising (FDM) program prepares students for careers in the global apparel and textile industry including apparel design and production, merchandising, textile product quality control, and historic costume and textile preservation. Computer-aided design (CAD) programs, pattern making and design, visual retailing software, merchandising process simulation, textile quality testing, and sustainability are incorporated into classes.

The FDM program offers courses in textiles, fashion trend and industry analysis, social and psychological aspects of clothing and behavior, fashion history, economics of fashion, fashion merchandising, fashion design, apparel production, fashion-related marketing and management and sustainability. Within the FDM program, students can select either the **Fashion Merchandising** option or the **Fashion Design and Product Development** option. FDM students have the opportunity to participate in study tours inside and outside of the United States to locations such as New York

and California, as well as various locations in Europe. The tours provide students the opportunity to learn about various firms within the textiles and apparel industry.

- A minimum of 58 hours required.
- 9 hours in FCS core: FCS 100, 200, 300, 398 (For students pursuing Option B, FCS 365 may be taken in addition to or instead of FCS 398 with consent of the instructor and departmental approval).
- 49 hours of required courses: ECO 105; FCS 122, 225, 226, 323, 327, 328, 329, 362; MKT 230; PSY 110 or PSY 223 or SOC 223; and option A or B that follows:
 - A. Fashion Merchandising:** FCS 368, 369, 371; MQM 220; MKT 335.
Recommended electives: FCS 222, 228, 321, 324, 334, 361, 366; MQM 328.
 - B. Fashion Design/Product Development:** FCS 228, 321, 324, 361, 366.
Recommended electives: FCS 222, 334, 365, 368, 369, 371; MQM 328.
- For students interested in Fashion Merchandising, a Business Administration or Communication minor is recommended; for students interested in Fashion Design/Product Development, an Art History, Theatre, or Business Administration minor is recommended; for students interested in Fashion Journalism, a Communication minor is recommended; for students interested in Museum Curator/Conservator, a minor in History or Art History is recommended.

MAJOR IN FOOD, NUTRITION AND DIETETICS

Degrees Offered: B.A., B.S.

The Food, Nutrition and Dietetics (FND) program at Illinois State University offers two options: (A) Dietetics, and (B) Food and Nutrition Management.

The **Dietetics** option is a Didactic Program in Dietetics (DPD) which is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics. The program prepares students for dietetic internships and careers in promoting optimal health by incorporating positive food choices and nutrition strategies which influence the overall well-being of individuals and communities. This option provides the first step for students wanting to become a registered dietitian (R.D.). To become an R.D., students must apply for an ACEND-accredited dietetic internship after graduation, and, upon completion, are eligible to take the registration examination. An ACEND Verification Statement of DPD Completion will be given to students completing this option. This official statement is required for graduates to begin an ACEND-accredited dietetic internship after acceptance, and for other professional applications requiring verification of DPD completion. The Didactic Program in Dietetics (DPD) at Illinois State University is currently accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and

Dietetics. ACEND is recognized by the United States Department of Education and can be contacted at 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, (312) 899-0040, Ext 5400.

The **Food and Nutrition Management** option prepares graduates for careers in the growing food industry by combining business and management principles with food service and hospitality skills. This degree option requires fewer science courses (no organic and biochemistry) and more business and food-related courses than the dietetics option. Consumers spend about 50 percent of their food dollars in restaurants, cafeterias, fast-food franchises, at work, or at school. Food systems managers organize these operations and make sure the foods are attractive, nutritious, and safely prepared. Popular career options include restaurant manager, cafeteria manager, caterer, and corporate, hospital, long-term care, or school food service manager. Employment opportunities also exist with companies that produce food, food ingredients, or processing equipment, and food safety inspection, food sales, marketing, and business management.

- A minimum of 53 hours required. In addition, the following General Education courses are required: BSC 160; CHE 110 and 112.
- 9 hours in FCS core: FCS 100, 200, 300, 398.
- 22 hours in FND core: FCS 102, 113, 217, 316, 318, 319; MQM 220.

Students will choose option A or B as follows:

A. Dietetics:

- A minimum of 31 hours: CHE 220, 242; ECO 103 or 105; FCS 219, 311, 312, 317; KNR 182; PSY 110 or 111.

B. Food and Nutrition Management:

- 22 hours: ACC 131; ECO 105; FCS 213, 214, 320; HSC 350; MQM 100.
- FCS 320 may be repeated twice up to a total of 9 semester hours.
- Recommended electives: AGR 271, 285; FIL 185; MKT 230, 231.

MAJOR IN HUMAN DEVELOPMENT AND FAMILY SCIENCE

Degrees Offered: B.A., B.S.

Students majoring in Human Development and Family Science will find rewarding careers working to improve the lives of individuals, families and communities.

Human Development and Family Science graduates are prepared to enter a variety of service-oriented fields. Graduates may work in a variety of settings including non-profit organizations, child care centers, preschools, private educational settings, parent/family life education, residential facilities, camp settings, colleges and universities (non-teaching positions), state, local, and federal government agencies, and hospitals and other organizations/businesses serving the needs of children.

The Human Development and Family Science undergraduate program provides a foundation for advanced graduate study in child life, family science, child/human development, social work, marriage and family therapy, psychology, counseling, gerontology, early intervention, occupational therapy and religious studies.

- A minimum of 51 hours required.
- 9 hours in FCS core: FCS 100, 200, 300, 398.
- 24 hours in HDFS core: FCS 101, 224, 231, 232, 252, 310, 333; FCS 308 or 335.
- Choose 6-8 hours from the following: FCS 250, 251, 254, 304, 305, 307.
- Choose 6 hours from the following: FCS 306, 309, 363, 364, 395.
- Choose 6 additional hours of elective courses in FCS or related areas.

MAJOR IN INTERIOR DESIGN

Degrees Offered: B.A., B.S.

The Interior Design program prepares students to design innovative, functional, supportive, and responsible interior environments that positively impact the quality of life within a global market. The curriculum develops students' skills and knowledge in design, sketching and technical drawing, space planning, interior construction and building systems, materials specifications, historical interiors, building codes and accessibility guidelines. Sustainability issues and universal design are emphasized. The program is accredited by the Council for Interior Design Accreditation (CIDA) and focuses on the broad range of specialties within commercial interior design. Course content is based on the knowledge and skills needed to pass the National Council for Interior Design Qualification certification exam. To be licensed in the State of Illinois, graduates of a 4-year CIDA-accredited program must have a minimum of two years professional work experience and pass the National Council for Interior Design Qualification (NCIDQ) Examination. Passage of this exam also qualifies the individual for professional membership in interior design organizations such as International Interior Design Association (IIDA) and American Society of Interior Designers (ASID).

- 62 hours required.
- 9 hours in FCS core: FCS 100, 200, 300, 398.
- 53 hours required: FCS 104, 218, 225, 242, 246, 338, 340, 345, 346, 347, 348, 352, 370, 375, 376; TEC 117, 217; one of the following: ART 155, 156, 265, or 275.
- Possible minors based on individual interests: Technology, Art, or Business.
- Recommended electives: FCS 334, 377; TEC 317, 322.

MINOR IN FAMILY AND CONSUMER SCIENCES

A minor in Family and Consumer Sciences complements many majors from business to humanities. Students may take courses from a number of different Family and

Consumer Sciences disciplines or focus on one particular area of interest.

- 21 hours required in Family and Consumer Sciences.
- FCS core (6 hours): FCS 100, 200.
- 15 additional hours in Family and Consumer Sciences.

Family and Consumer Sciences Courses

100 INTRODUCTION TO FAMILY AND CONSUMER SCIENCES

3 sem. hrs.

Family and consumer sciences professions, history, philosophy, and foundations. Prerequisite: FCS major or consent of the instructor.

101 HUMAN AND FAMILY DEVELOPMENT

3 sem. hrs.

Human development throughout the lifespan within the context of the developing family unit.

102 FUNDAMENTALS OF HUMAN NUTRITION

3 sem. hrs.

Nutrients needed by humans. Food choices to meet nutrition needs of individuals and families throughout the life cycle. Formerly *NUTRITION IN LIFE SPAN*.

103 MANAGEMENT FOR CONSUMERS

3 sem. hrs.

Management for individual and family problems in the home and marketplace.

104 ENVIRONMENTAL DESIGN ELEMENTS: STUDIO

3 sem. hrs.

Introduction to design fundamentals and development of perceptual skills, creative awareness, and the technical ability to handle a variety of design media. Lecture and lab. Prerequisite: Major or minor only or consent of the instructor.

111 INTRODUCTION TO TEACHING FAMILY AND CONSUMER SCIENCES

3 sem. hrs.

Introduction to family and consumer sciences teaching profession; emphasis on planning curriculum, observing programs, professionalism, diversity, and history of the field. Includes Clinical Experience: 20 hours. Formerly *INTRODUCTION TO THE FAMILY AND CONSUMER SCIENCES EDUCATOR ROLE*. Prerequisite: FCS 101.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY

UST

3 sem. hrs.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity. May not be taken under the P/NP option. Also offered as HIS/SOC 112.

113 PRINCIPLES OF FOOD PREPARATION

3 sem. hrs.

Scientific principles involved in the preparation of food. Materials charge optional. Prerequisite: Major or minor only or consent of the instructor.

122 APPAREL PRODUCT DEVELOPMENT I**3 sem. hrs.**

Basic apparel production techniques. Materials charge optional. Prerequisite: Major or minor only or consent of the instructor.

198 PROFESSIONAL PRACTICE**1-6 sem. hrs.**

Exploration of entry-level career opportunities. Observation of professional skills and competencies of practicing home economists. CR/NC only. May be repeated; maximum 6 hours. Prerequisites: Major only. 2.00 GPA; 27 hours; Approved application required.

200 PROBLEM SOLVING AND RESEARCH METHODS IN FAMILY AND CONSUMER SCIENCES**3 sem. hrs.**

Problem solving and research methodology exploring issues and trends in the various disciplines of family and consumer sciences. Writing-intensive course. Prerequisites: FCS 100. Major or minor only or consent of the instructor.

203 COMPETENCIES FOR TEACHING FAMILY AND CONSUMER SCIENCES**3 sem. hrs.**

Curriculum development, assessment, teaching strategies, and professionalism for family and consumer sciences teachers. Formerly *COMPETENCIES FOR TEACHING*. Prerequisites: Admission to Professional Studies; FCS 111; TCH 212 or concurrent registration. Major or minor only or consent of the instructor.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES SMT**3 sem. hrs.**

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions. Also offered as HSC/KNR 208. Prerequisites: COM 110 and ENG 101.

212 FAMILY HEALTH AND WELL BEING**3 sem. hrs.**

Relationship of personal decision making, self-assessment and behavioral change to optimal wellness for individuals and families. Practicum rotations included. Prerequisites: FCS 101. Major or minor only or consent of the instructor.

213 FOOD PLANNING, MARKETING, AND COST CONTROLS**3 sem. hrs.**

Meal planning based on criteria of nutritive requirements, marketing challenges, and utilization of resources. Materials charge optional. Prerequisites: FCS 113. Major or minor only or consent of the instructor.

214 THE HOSPITALITY INDUSTRY**3 sem. hrs.**

A broad and comprehensive examination of the hospitality industry. Prerequisite: Major or minor only or consent of the instructor.

217 NUTRITION THROUGH THE LIFE CYCLE**3 sem. hrs.**

Examination of physiological, sociological, and developmental factors that affect nutritional requirements and recommendations at various stages of the life cycle. Prerequisite: FCS 102.

218 INTERIOR CONSTRUCTION AND BUILDING SYSTEMS**3 sem. hrs.**

Evaluation of building infrastructure, including heating/cooling systems, electrical and plumbing conventions, and interior construction, as related to the design process. Field trips. Materials charge optional. Prerequisite: FCS 242.

219 NUTRITION COUNSELING AND ASSESSMENT**3 sem. hrs.**

Application of nutrition assessment, counseling and communication techniques with individuals and groups in community and clinical settings. Prerequisite: FCS 217.

222 CULTURAL DIVERSITY IN DRESS SS**3 sem. hrs.**

Interdisciplinary, comparative exploration of diverse cultures through dress and adornment. Prerequisites: COM 110 and ENG 101.

224 ENDURING ISSUES FOR COUPLES AND FAMILIES SS**3 sem. hrs.**

Analysis of persistent and newly emerging issues for couples and families living in the 21st century. Prerequisites: COM 110 and ENG 101.

225 TEXTILES**3 sem. hrs.**

Fundamentals of textile science: fibers, yarns, fabrications, finishes, and dyeing. Selection and care of apparel/home furnishings fabrics. Textile legislation. Lecture and lab. Materials charge optional. Prerequisite: Major or minor only or consent of the instructor.

226 FASHION TREND AND INDUSTRY ANALYSIS**3 sem. hrs.**

Fundamentals of the fashion industry, emphasis on analysis and forecasting of trends and sectors of apparel and merchandising industries. Prerequisite: Major or minor only or consent of the instructor.

228 APPAREL DESIGN**3 sem. hrs.**

Application of art principles to apparel creation through computers and hand techniques. Idea development from conception through production to retailing. Style nomenclature emphasized. Materials charge optional. Prerequisites: FCS 122 and 226.

231 PARENTING**3 sem. hrs.**

Functions of productive family units to fulfill individual and group needs. Emphasis on the skills needed by the parent. Formerly *FAMILY RELATIONSHIPS*. Prerequisites: FCS 101. Major or minor only or consent of the instructor.

232 RESOURCE MANAGEMENT FOR INDIVIDUALS AND FAMILIES**3 sem. hrs.**

Problem solving approach to the use of managerial components and their functional relationships to the complexities of today's living. Prerequisites: FCS 101. Major or minor only or consent of the instructor.

233 FAMILY ECONOMIC RESOURCES**3 sem. hrs.**

Economic description of the family emphasizing the family's financial, physical, and human capital investments over the life cycle. Prerequisites: FCS 103. Major or minor only or consent of the instructor.

242 DRAFTING FOR INTERIOR DESIGN**3 sem. hrs.**

Introduces students to equipment, media, and techniques for graphic presentation of architectural design. Materials charge optional. Prerequisite: Major or minor only or consent of the instructor.

246 VISUAL COMMUNICATION FOR INTERIOR DESIGN**2 sem. hrs.**

Presentation techniques using various materials/methods for communication of interior design solutions. Emphasis on volumetric space and building enclosure. Lecture and lab. Prerequisites: Grade of C or better in FCS 104 and 242. Major or minor only or consent of the instructor.

250 DEVELOPMENT AND GUIDANCE OF PRESCHOOL CHILDREN**4 sem. hrs.**

Examination of development and guidance of preschool children. Emphasis on observation, assessment and developmentally appropriate practices. Includes Clinical Experience. Prerequisites: FCS 101. Major or minor only or consent of the instructor.

251 DEVELOPMENT AND GUIDANCE OF INFANTS AND TODDLERS**4 sem. hrs.**

Examination of development and guidance of infants and toddlers. Emphasis on observation, assessment and developmentally appropriate practices. Includes Clinical Experience. Prerequisites: FCS 101. Major or minor only or consent of the instructor.

252 MULTICULTURAL FAMILY STUDIES**3 sem. hrs.**

An examination of family life, values, and norms of culturally diverse individuals and families. Emphasis on working with diverse populations. Prerequisite: FCS 101.

254 ISSUES AND DEVELOPMENT IN MIDDLE CHILDHOOD**3 sem. hrs.**

A survey of middle childhood, focusing on physical, cognitive, moral, social and emotional development, contemporary issues, and family relationships. Prerequisite: FCS 101.

300 PROFESSIONAL LEADERSHIP IN FAMILY AND CONSUMER SCIENCES**2 sem. hrs.**

A study of the leadership skills necessary for successful entry into a professional career in family and consumer sciences. Formerly *LEADERSHIP DEVELOPMENT FOR FAMILY AND CONSUMER SCIENCES PROFESSIONALS*. Prerequisites: FCS 200; and concurrent registration with first FCS 398 registration, except for FCS Teacher Education majors.

304 ADOLESCENCE AND EMERGING ADULTHOOD IN THE CULTURAL CONTEXT**3 sem. hrs.**

Theories, historical background, and research regarding adolescent development and emerging adulthood as they relate to contemporary society and across culture. Formerly FCS 389A37 *ADOLESCENCE AND EMERGING ADULTHOOD IN SOCIO-CULTURAL CONTEXT*. Prerequisites: FCS 101 and 200. A minimum of 45 hours completed; majors or minors only, or consent of the instructor.

305 FAMILIES IN LATER LIFE**3 sem. hrs.**

Exploration of family dynamics in later life. Emphasis on developmental tasks, needs and decision-making issues of aging family members. Prerequisite: A minimum of 45 hours completed.

306 PSYCHOSOCIAL CARE OF CHILDREN AND FAMILIES IN HEALTHCARE ENVIRONMENTS**3 sem. hrs.**

Application of human development theories and developmentally appropriate practices to the psychosocial care of children and families in healthcare environments. Includes Clinical Experience. Formerly *SEMINAR IN CHILD LIFE STUDIES*. Prerequisite: FCS 231 or 250 or 251 or 254 or consent of the instructor.

307 ADVANCED CHILD DEVELOPMENT APPLICATIONS**3 sem. hrs.**

Application of research in the development and guidance of infants, toddlers and preschool age children as related to family and society. Includes Clinical Experience. Prerequisite: FCS 250 or 251 or 254.

308 ORGANIZATION AND ADMINISTRATION OF EARLY CHILDHOOD PROGRAMS**3 sem. hrs.**

Administration of early childhood programs and community services responsible for guidance of young children. Includes Clinical Experience: 20 hours. Prerequisite: FCS 250 or consent of the instructor.

309 COUPLE RELATIONSHIPS**3 sem. hrs.**

An interactional approach to the study of intimate pairings: establishing couple relationships and developing effective intimate pairing communication; an overview of marriage enrichment history, programs, practice, theory, and research. Prerequisite: FCS 200.

310 FAMILY CRISES**3 sem. hrs.**

Cognitive and affective exploration of family crisis: definition, management processes, and professional helping resources. Field trips required. Prerequisite: A minimum of 45 hours completed.

311 COMMUNITY NUTRITION**3 sem. hrs.**

Nutritional needs of selected populations vulnerable to inadequate diet; emphasis on U.S. programs designed for groups at nutritional risk. Prerequisite: FCS 102.

312 MEDICAL NUTRITION THERAPY**4 sem. hrs.**

Planning modified diets and studying underlying diseases. Nutritional counseling of individuals and groups. Prerequisite: FCS 219.

314 EARLY CHILDHOOD NUTRITION EDUCATION**3 sem. hrs.**

Principles of nutrition and current research. Emphasis on the needs of young children. Guidance in implementing a sound nutritional education program. Includes Clinical Experience.

315 NUTRITION FOR HEALTH AND PHYSICAL FITNESS**3 sem. hrs.**

An advanced course focusing on the physiological and biochemical importance of nutrition to health, physical fitness, and sports. Prerequisites: FCS 102 or consent of the instructor; KNR 182 or BSC 181 and 182.

316 FOOD SCIENCE**3 sem. hrs.**

Experimental approach to principles underlying food preparation. Materials charge optional. Prerequisites: FCS 113; CHE 110 and 112.

317 NUTRITION AND METABOLISM**4 sem. hrs.**

Physiological and biochemical basis for human nutritional requirements and health. Prerequisites: BSC 160; FCS 102; KNR 182.

318 FOOD SERVICE MANAGEMENT**3 sem. hrs.**

Management of commercial foodservice systems: planning, control systems, decision making, human considerations. Prerequisite: FCS 113.

319 QUANTITY FOODS**4 sem. hrs.**

Principles, techniques, and standards for procuring, storing, and producing food in batch/quantity for group, institutional and commercial feeding. Field trips. Materials charge optional. Prerequisite: FCS 113.

320 SPECIAL TOPICS IN FOOD AND HOSPITALITY MANAGEMENT**3 sem. hrs.**

New concepts and recent developments in the food and hospitality industry. May be repeated for credit if content differs for a maximum of 9 semester hours. See the following topics. Prerequisite: FCS 214.

320A01 SPECIAL TOPICS IN FOOD AND HOSPITALITY MANAGEMENT: FOOD AND LAW REGULATION**3 sem. hrs.**

An overview of the laws, policies, and standards that govern food regulation in the United States. The history of food and beverage policy will also be covered. Prerequisite: FCS 214.

321 FLAT PATTERN DESIGN**3 sem. hrs.**

Computer and hand techniques in making garment patterns by the flat pattern method. Materials charge optional. Prerequisites: FCS 122 or equivalent. Major or minor only or consent of the instructor.

323 ADVANCED TEXTILES**3 sem. hrs.**

Exploration of established practices and new developments in the textile and apparel industry. Research and problem-solving emphasis. Lecture and lab. Materials charge optional. Prerequisites: FCS 225 and 226.

324 DRAPING AND DESIGN**3 sem. hrs.**

Interpretation of garment designs in fabric by means of the draping procedure. Materials charge optional. Prerequisite: FCS 122.

327 CLOTHING AND BEHAVIOR**3 sem. hrs.**

Factors that influence behavior related to clothing selection and use. Emphasis on research. Prerequisites: FCS 225, 226; PSY 110. A minimum of 45 hours completed.

328 ECONOMICS OF FASHION**3 sem. hrs.**

Fashion as an economic force in the international economy. Fashion's influence on production, distribution and consumption of textiles and apparel. Prerequisites: FCS 225, 226 and ECO 105.

329 APPAREL PRODUCT ANALYSIS**3 sem. hrs.**

Overview of apparel manufacturing and analysis of ready-to-wear apparel product quality. Prerequisites: FCS 122, 225 and 226.

330 DECISION-MAKING FOR CONSUMERS**3 sem. hrs.**

Survey of consumer problems, trends, and information. Topics include: insurance, housing, credit, life style, consumer protection, leisure, and achieving financial security. Also offered as BE 330.

331 CONSUMER MATERIALS**3 sem. hrs.**

Application and evaluation of consumer information sources. Prerequisites: FCS 103 required; 233 recommended.

333 FAMILY AND CONSUMER PUBLIC POLICY**3 sem. hrs.**

Public and private sector programs serving human needs; role of family and consumer science professional in the public policy arena. Prerequisites: A minimum of 45 hours completed. Major or minor only or consent of the instructor.

334 PERSPECTIVES ON SUSTAINABILITY IN APPAREL AND INTERIOR DESIGN**3 sem. hrs.**

Understanding the environmental impact of apparel and interior product design and production processes; alternative solutions for sustainable design and merchandising decisions. Prerequisite: FCS 225 or consent of the instructor.

335 FAMILY LIFE EDUCATION METHODS**3 sem. hrs.**

Introduction to the profession of family life education and the development, implementation and evaluation of family life education programming. Prerequisite: FCS 231 and A minimum of 45 hours completed.

338 HISTORY OF INTERIOR AND ENVIRONMENTAL DESIGN I**3 sem. hrs.**

Major stylistic time periods in architecture and interior design from antiquity to late 19th century. Prerequisites: A minimum of 45 hours completed. Major or minor only or consent of the instructor.

340 INTERIOR DESIGN I: STUDIO**4 sem. hrs.**

Design principles applied to residential space. Students examine the ways in which rooms are affected by various design elements. Lecture and lab. Materials charge optional. Prerequisites: Grade of C or better in FCS 104, 242 and 246. FCS 225 and TEC 117 or concurrent registration is recommended. Major or minor only or consent of the instructor.

345 INTERIOR DESIGN BUSINESS PRACTICES**2 sem. hrs.**

Practices and procedures of professional design firms. Emphasis on business ownership, programming, purchasing procedures, billing hours, contracts and business forms. Prerequisite: FCS 340.

346 ENVIRONMENTAL LIGHTING DESIGN**2 sem. hrs.**

Design of the luminous environment. Emphasis on lighting sources, fixture schedules, switching patterns, and the required drawings used in residential and commercial applications. Prerequisite: FCS 340.

347 HUMAN FACTORS IN INTERIOR ENVIRONMENTS**2 sem. hrs.**

This course focuses on the functionality and aesthetics of interior environments with an emphasis on the interface between man-made environments and humans. The needs of special populations are addressed. Lecture and lab. Prerequisite: FCS 242.

348 HISTORY OF INTERIOR AND ENVIRONMENTAL DESIGN II**2 sem. hrs.**

Major movements in architecture and interior design from the late 19th century to the present. Prerequisite: Major or minor only or consent of the instructor. FCS 338 recommended.

352 RENDERING FOR INTERIOR DESIGNERS**3 sem. hrs.**

Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations. Materials charge optional. Also offered as ART 352. Prerequisites: FCS 242, 246 or consent of the instructor.

361 FASHION HISTORY I**3 sem. hrs.**

Analysis of fashion from antiquity to 1899, in relation to social and cultural environments. Emphasis on western world. Prerequisite: A minimum of 45 hours completed.

362 FASHION HISTORY II**3 sem. hrs.**

Analysis of fashion from 1900 to today in relation to social and cultural environments. Emphasis on designers and innovators. Prerequisite: A minimum of 45 hours completed.

363 BEREAVEMENT, GRIEF AND LOSS**3 sem. hrs.**

Examination of concepts and relevant issues of bereavement, grief and loss. Prerequisites: FCS 231, 310 or 364, and junior standing or consent of the instructor.

364 HELPING AND COMMUNICATION SKILLS FOR FCS PROFESSIONS**3 sem. hrs.**

An introduction to the helping and communication skills and theories used by FCS professionals in their work with individuals and families. Formerly *BASIC SKILLS IN COUNSELING*. Prerequisite: FCS 101.

365 APPAREL COLLECTION DEVELOPMENT**3 sem. hrs.**

Advanced problem solving in apparel collection design with emphasis on integration of various tools of design. Lecture and lab. Prerequisites: FCS 122, 228, 321 or consent of the instructor.

366 CAD FOR APPAREL DESIGN**3 sem. hrs.**

Application of art principles to apparel design using CAD. Apparel idea development from concept through application to production. Portfolio development. Lecture and lab. Prerequisites: FCS 122, 226, 228.

368 FASHION PROMOTION**3 sem. hrs.**

Apparel merchandising techniques with emphasis on visual merchandising, advertising, fashion shows, and related promotional activities. Prerequisite: FCS 226.

369 MERCHANDISE PLANNING AND CONTROL**3 sem. hrs.**

The financial management of merchandising fashion goods, with emphasis on stock, sales, assortment planning and control. Prerequisites: FCS 226; MKT 230 or concurrent registration; MQM 220 or concurrent registration.

370 INTERIOR DESIGN II: STUDIO**4 sem. hrs.**

The process of linking spaces using architectural elements. Emphasizing the design process as it affects private and public spaces. Field trips required. Materials charge optional. Prerequisites: FCS 218, 340, TEC 217. ART/FCS 352 concurrent registration with FCS 370 recommended.

371 ADVANCED MERCHANDISING**3 sem. hrs.**

Merchandising practices as related to current issues in management, as well as planning, developing, and presenting soft good lines. Prerequisite: FCS 369.

375 INTERIOR DESIGN III: STUDIO**4 sem. hrs.**

Study of design theory/analysis in relation to large-scale, comprehensive commercial interiors. Emphasis on codes regulating ergonomic and life safety issues. Materials charge optional. Prerequisite: FCS 370.

376 INTERIOR DESIGN IV: STUDIO

4 sem. hrs.

Culmination of design process in a self-guided interior design project in student's area of concentration. Materials charge optional. Prerequisites: FCS 375. Major or minor only or consent of the instructor.

377 FAMILY AND CONSUMER SCIENCES TRAVEL STUDY

1-6 sem. hrs.

Encompasses any studies related to Family and Consumer Sciences Study Travel Program: Domestic or Abroad. May be repeated; maximum of 6 hours may be applied toward graduation. Prerequisite: Major or minor only or consent of the department chairperson.

380 ORGANIZATION AND ADMINISTRATION OF CAREER AND TECHNICAL COOPERATIVE EDUCATION PROGRAMS

3 sem. hrs.

Planning and organizing a cooperative program; emphasis on recruitment, selection of training stations, student placement, and operation of cooperative plan. Also offered as BE 380. Includes Clinical Experience: 5 hours.

382 COORDINATION TECHNIQUES OF CAREER AND TECHNICAL COOPERATIVE EDUCATION PROGRAMS

3 sem. hrs.

Coordination techniques needed for high school and post-secondary teacher coordination in integrating classroom activities with daily employment. Also offered as BE 382 and TEC 306. Includes Clinical Experience: 5 hours.

390 STUDENT TEACHING SEMINAR IN FAMILY AND CONSUMER SCIENCES

2 sem. hrs.

Reflection and discussion of issues and challenges encountered during the student teaching experience. Includes Clinical Experience: 15 hours. Prerequisites: STT 399A24 concurrent registration. Admission to Professional Studies.

392 SPECIAL TOPICS IN HUMAN DEVELOPMENT AND FAMILY SCIENCE

3 sem. hrs.

Recent developments, new concepts, and special topics in the field of human development and family sciences. May be repeated with department approval; maximum of 9 hours. Prerequisites: FCS 101 and 224.

394 HEALTH ASPECTS OF AGING

3 sem. hrs.

Characteristics of the aging process and factors influencing adaptations and the quality of living. Also offered as HSC/KNR 394.

395 SEXUALITY AND FAMILY LIFE

3 sem. hrs.

Study of sexuality across the life course emphasizing the role of sexuality on family relations and implications for family life. Prerequisites: FCS 101 and 224.

398 PROFESSIONAL PRACTICE: FAMILY AND CONSUMER SCIENCES

1 sem. hr.

Planned and supervised culminating professional experience in business, industry, community, government, or healthcare setting. May be repeated for a maximum of two hours. Prerequisites: A minimum of 75 hours completed; FCS 200; 2.00 overall GPA on date of application. Concurrent registration with FCS 300 the first time 398 is taken. See advisor for additional requirements. Placement is not guaranteed.

398A01 PROFESSIONAL PRACTICE: HUMAN DEVELOPMENT AND FAMILY SCIENCE

1 sem. hr.

Planned and supervised culminating professional experience in business, industry, community, government, or healthcare setting. May be repeated for a maximum of two hours. Prerequisites: A minimum of 75 hours completed; FCS 200; 2.00 overall GPA on date of application. Concurrent registration with FCS 300 the first time 398A01 is taken. See advisor for additional requirements. Placement is not guaranteed.

398A02 PROFESSIONAL PRACTICE: GENERAL FAMILY AND CONSUMER SCIENCES

1 sem. hr.

Planned and supervised culminating professional experience in business, industry, community, government, or healthcare setting. May be repeated for a maximum of two hours. Prerequisites: A minimum of 75 hours completed; FCS 200; 2.00 overall GPA on date of application. Concurrent registration with FCS 300 the first time 398A02 is taken. See advisor for additional requirements. Placement is not guaranteed.

398A03 PROFESSIONAL PRACTICE: FOOD, NUTRITION AND DIETETICS

1 sem. hr.

Planned and supervised culminating professional experience in business, industry, community, government, or healthcare setting. May be repeated for a maximum of two hours. Prerequisites: A minimum of 75 hours completed; FCS 200; 2.00 overall GPA on date of application. Concurrent registration with FCS 300 the first time 398A03 is taken. See advisor for additional requirements. Placement is not guaranteed.

398A04 PROFESSIONAL PRACTICE: INTERIOR DESIGN

1 sem. hr.

Planned and supervised culminating professional experience in business, industry, community, government, or healthcare setting. May be repeated for a maximum of two hours. Prerequisites: A minimum of 75 hours completed; FCS 200; 2.00 overall GPA on date of application. Concurrent registration with FCS 300 the first time 398A04 is taken. See advisor for additional requirements. Placement is not guaranteed.

398A05 PROFESSIONAL PRACTICE: FASHION DESIGN AND MERCHANDISING

1 sem. hr.

Planned and supervised culminating professional experience in business, industry, community, government, or healthcare setting. May be repeated for a maximum of two hours. Prerequisites: A minimum of 75 hours completed; FCS 200; 2.00 overall GPA on date of application. Concurrent registration with FCS 300 the first time 398A05 is taken. See advisor for additional requirements. Placement is not guaranteed.

HEALTH SCIENCES (HSC) 522

305 Felmley Hall, Phone: (309) 438-8329

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Web address: HealthSciences.IllinoisState.edu

Email: HSCInfo@IllinoisState.edu

Chairperson: Jeffrey Clark.

Tenured/Tenure-track Faculty:

Professors: Barham, Broadbear, G. Byrns, Clark, G. Jin.

Associate Professors: Fuller, Grieshaber, Temple.

Assistant Professors: M. Byrns, Lanier, Lyde, Mautino, Peterson, Van Draska, Webster, Yang.

General Department Information

HONORS IN HEALTH SCIENCES

The Department offers honors study to qualified students who will pursue an individualized course of study. To qualify, students must be declared majors in the Department, have completed 30 hours of credit, have and maintain a minimum cumulative 3.50 GPA; and have and maintain a 3.50 GPA in the major. To graduate with Departmental Honors, students must be a member of the University Honors Program and complete 12 credit hours of honors work in Health Sciences courses selected from at least two of the following options: Honors Undergraduate Research, Honors Independent Study, in-course Honors, or Honors Undergraduate Teaching Assistant. Students interested in the Honors Program must contact the departmental advisor to complete an orientation and planning meeting. Further details about the University Honors program are available at: Honors.IllinoisState.edu.

MINOR IN PUBLIC HEALTH

The Minor in Public Health is designed to prepare students in core competencies needed by professionals working on population-based health issues. Public health professionals work to improve the quality and length of life in diverse communities by preventing health problems before they occur. They do this through supporting healthy environments, promoting the adoption of healthy lifestyles, preventing injuries, and preserving and protecting important resources that support human health. Public health is an interdisciplinary field built upon knowledge in environmental health, health behavior/promotion, epidemiology, medicine and other areas of study. This minor provides students with a foundation in key public health courses and, in combination with various majors, can create opportunities for employment in public health settings and graduate study in a Master of Public Health program or other health disciplines.

New and Internal Transfer Requirements:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA,

hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended program.

Standards for Progress in the Minor:

Students must maintain a minimum cumulative GPA of 2.50 to progress in the minor.

- 21 hours required.
- Required core courses (15 hours): HSC 156, 170, 204A01 or 204A02, 258A01 or 258A02, 296.
- Choose 2 courses (6 hours) from the following: HSC 208, 248, 378, 390, 394.
- Required and elective courses must be completed with a grade of C or better.
- No more than 9 hours taken in the minor may count toward a major program of study within the Department of Health Sciences.
- **NOTE:** Other courses approved by the director of the minor may be counted toward the minor.

Environmental Health Program

Website: HealthSciences.IllinoisState.edu/environmental

Degree Offered: B.S.

Environmental Health specialists identify and resolve problems that occur when humans interact with their environment. Some of these environmental problems include indoor and outdoor air pollution, water pollution, food contamination, hazardous wastes, insect-borne diseases, occupational hazards, and chemical or biological terrorism. Environmental Health specialists identify, implement, and evaluate the best methods of controlling or preventing these problems. Employment opportunities include private consulting firms; industry; non-profit organizations; and local, state, or federal agencies.

New Freshmen, New and Internal Transfer Admission Requirements:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Internal transfer students must have a minimum cumulative GPA of 2.00 and should schedule an appointment with the departmental academic advisor for information.

Standards for Progress in the Major:

Students must maintain a cumulative GPA of 2.00 or higher and earn grades of C or better in all Health Sciences courses to be retained in the major.

Accreditation:

The Environmental Health program is accredited by the National Environmental Health Science and Protection Accreditation Council, www.ehacoffice.org.

MAJOR IN ENVIRONMENTAL HEALTH

- 42 hours in Health Sciences required.
- Required courses (18 hours): HSC 145, 156, 204*, 249, 258, 355.
- Professional Practice (9 hours): HSC 398A01.
- Group 1 elective courses (15 hours): HSC 248, 252, 254, 257, 271, 322, 350, 359, 362, 378. NOTE: No more than two of the following courses can be counted towards the Environmental Health major: HSC 271, 362, 378.
- Group 2 (additional) elective courses (3 hours): CHE 215, 242, 280; ECO 255; GEO 102, 276, 336; HIS 240; HSC 381, 383. Additional courses may be approved by the program director.
- Required courses outside of Health Sciences (15 hours, excluding required General Education courses): CHE 141, 220; KNR 182**; MAT 119.
- Required General Education courses (20 hours): BSC 160; CHE 140; HSC 156; MAT 120 or 145; PHY 105 or 108.

*NOTE: General Education courses MQM 100, ECO 138, GEO 138, POL 138, or PSY 138 may be substituted for HSC 204.

**NOTE: It is recommended that Environmental Health Majors complete the KNR 182 laboratory.

MINOR IN ENVIRONMENTAL HEALTH

- 15 hours in Health Sciences required.
- Required courses (6 hours): HSC 145, 156.
- Elective courses (9 hours): HSC 248, 249, 252, 254, 257, 258, 322, 350, 359, 383 (no more than 6 hours from HSC 248, 359 and 383 may be counted toward the minor).
- Required courses outside of Health Sciences: (a minimum of 11 hours): CHE 140, 141; MAT 119 or 120 or 145.

NOTE: CHE 140, MAT 120, 145; and HSC 156 are General Education courses.

Health Education Program

Website: HealthSciences.IllinoisState.edu/education

Degrees Offered: B.S., B.S. in Ed.

Health Educators work with people in schools and community settings. They promote positive health behaviors by giving presentations, planning and implementing programs, preparing instructional materials, assessing individual health needs, teaching and training, coordinating community/school efforts, and acting as a resource person. Every Health Education major completes a core of 21 hours and either a sequence in school health education or community health education.

New Freshmen, New and Internal Transfer Admission Requirements:

New freshmen and transfer students desiring admission to the Health Education (HED) program must meet the admission requirements established by the University. Those students wishing to be admitted into the School Health sequence of Health Education must apply for and be admitted into the University Professional Studies program (see the University-Wide Teacher Education section in this *Undergraduate Catalog*). Students currently enrolled at the University who wish to change their major or minor to HED must have a minimum cumulative GPA of 2.50, though this minimum GPA does not guarantee admission. Transfer students and internal transfer students should schedule an appointment with the departmental academic advisor for information.

Standards for Progress in the Major and Minor:

School Health Education Sequence: All students should have a projected program plan completed in consultation with the departmental academic advisor. A minimum cumulative and major GPA of 2.50 is required for admission to Student Teaching as well as for retention in the Health Education program. Admission to Professional Studies is contingent upon recommendation of Health Education faculty and the Teacher Education Coordinator following completion of the Clinical Experience in HSC 391. Those majors in the School Health Education Sequence must also complete a second teaching endorsement with a minimum GPA of 2.50. Contact the departmental advisor for specific information.

Community Health Education Sequence: All students should have a projected program plan completed in consultation with the departmental academic advisor. A minimum cumulative and major GPA of 2.50 and grades of C or better in all 59 credit hours required by the major are required for retention in the Community Health Education program as well as for enrollment in Professional Practice, HSC 398A02.

Minor in Community Health Education: Minors in Community Health Education should have a projected program plan completed in consultation with the departmental academic advisor. A minimum cumulative minor GPA of 2.50 is required for retention in the program.

CLINICAL EXPERIENCES IN SCHOOL HEALTH EDUCATION

Clinical Experiences are provided in off-campus clinical teaching centers, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. All students will show verification of having completed pre-student teaching field experiences commensurate with attaining local, state, and national standards. Students must provide their own transportation to Clinical Experience sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks.

BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Accreditation:

The School Health Education curriculum is accredited by the National Council for Accreditation of Teacher Education (NCATE), www.ncate.org. It is also accredited by the American Association for Health Education (AAHE), www.aahperd.org/aahe/. The Community Health Education curriculum has been approved through combined review of two health education professional organizations.

MAJOR IN HEALTH EDUCATION

- 59 total hours (School Health Education) or 60 total hours (Community Health Education) required.
- Required core courses (18 hours) including: HSC 190, 290, 292, 293, 294, 296.

Health Education majors must also complete either the School Health Education Sequence or the Community Health Education Sequence.

School Health Education Sequence:

This sequence is part of the program leading to a secondary 6-12 endorsement.

- Required courses (12 hours): HSC 387, 390, 391; SOC 123.
- Elective (3 hours): 1 course selected from: FCS 102; HSC 105, 156*, 170*.
- Students must complete all Illinois State Board of Education (ISBE) requirements for licensure and the Professional Education requirements (26 hours, including 12 hours of student teaching) and the General Education requirements. A 2.50 cumulative and major GPA is required for admission to Professional Studies and for student teaching. NOTE: See the University-Wide Teacher Education section of this catalog for details on Professional Education requirements.

NOTE: This major does not meet middle-level endorsement requirements for the State of Illinois. See the advisor for information on this endorsement.

*Course is a General Education option.

Community Health Education Sequence:

- Required courses (21 hours): BSC 145*; HSC 204A01, 258A02, 286, 305, 395, 396.
- Electives (12 hours) chosen in consultation with an advisor from the following: FCS 102; HSC 105, 156**, 170**, 387, 390, 394; SOC 123.
- Professional Practice 398A02 (9 hours required), determined in consultation with the advisor and professional practice coordinator.
- 2.50 cumulative and major GPA prior to the semester of enrollment in HSC 398A02.

*BSC 145 meets General Education requirement for SMT.

**Course is General Education option.

MINOR IN COMMUNITY HEALTH EDUCATION

- 24 hours required.
- Required courses (18 hours): HSC 190, 290, 292, 293, 294, 296.
- Electives (6 hours): 2 courses from: FCS 102; HSC 105, 156*, 170*, 208*, 387, 394. Other advanced-level Health Sciences courses may be substituted as electives with consent of the Health Sciences advisor

*Course is a General Education option.

Health Information Management Program

Website: HealthScience.IllinoisState.edu/info-management

Degree Offered: B.S.

Health information managers are professionals responsible for the management of health data and health information systems in health care organizations and organizations that use health data. They ensure data quality; code and classify data; maintain data security and privacy; design, implement and manage health information systems (both manual and electronic); evaluate medical care data to monitor quality and risk; and manage support personnel.

MAJOR IN HEALTH INFORMATION MANAGEMENT

The Health Information Management (HIM) major program offers two sequences to students who are seeking to earn a Bachelor of Science degree in Health Information Management. The sequences are the HIM On-Campus Sequence and the RHIT-HIM Online Sequence.

HIM On-Campus Sequence: This sequence is designed for and restricted to students who are taking HIM courses on campus.

New Freshmen, New and Internal Transfer Admission Requirements:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered for admission include, but are not limited to: courses completed, cumulative GPA, and hours completed. For additional information on minimum requirements for admission and applications selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Retention in the HIM On-Campus Sequence:

To be retained in the HIM major a student must:

- Be in good academic standing in the University with a minimum cumulative 2.25 GPA;
- Have a grade of C or better in the following courses, or their equivalents, to enroll in the HIM professional courses: HSC 105 and KNR 181 and 182;
- Earn grades of C or better in all major courses.

Course Requirements for the HIM On-Campus Sequence:

- Prerequisite courses (22 hours): HSC 105; IT 168, 178, 254, 261; KNR 181 and 182.
- Major courses (49 hours): HSC 201, 202, 204*, 210, 212, 213, 214, 230, 298A03, 300, 310, 320, 345, 346, 398A03; IT 250 and 262.
- Recommended courses: BSC 145; IT 150.

*NOTE: General Education courses MQM 100 or ECO 138 or GEO 138 or POL 138 or PSY 138 may be substituted for HSC 204.

RHIT-HIM Online Sequence:

This sequence is designed for and restricted to students who have completed an associate degree program in health information technology (HIT) and are currently certified as Registered Health Information Technicians (RHIT). The Sequence is designed to give these students an opportunity to earn a Bachelor of Science Degree in Health Information Management in six semesters. All HIM courses will be delivered online via distance learning. Students will be expected to complete one course each semester.

Admission and Retention in the RHIT-HIM Online Sequence:

To be admitted and retained in the RHIT-HIM Online Sequence, a student must:

- Be admitted to Illinois State University;
- Be a graduate of an associate degree program in health information technology accredited by the Commission on the Accreditation of Health Informatics and Information Management Education (CAHIIM);
- Be currently certified as a Registered Health Information Technician;
- Complete the Associate Degree in Arts (A.A.) or an Associate Degree in Science (A.S.) or the Illinois Trans-

ferable General Education Core Curriculum;

- Maintain a minimum cumulative 2.25 GPA for retention in the HIM major;
- Earn grades of C or better in all HIM major courses.

Course Requirements in the RHIT-HIM Online Sequence:

- Major courses (66 hours): HSC 326, 327, 328, 329, 330, and 398A05 (3 hours); and 33 semester hours earned as Proficiency Credit;
- A grade of C or better is required in all HIM courses for retention in the major.

Health information technology courses are held as Proficiency Credit for the student until successful completion of three consecutive semesters of Health Information Management upper-division courses from: HSC 326, 327, 328, 329, or 330. Once these courses have been successfully completed with a grade of C or better through enrollment, thirty-three (33) credit hours are placed on the student's transcript as Proficiency Credit for the following Health Information Management courses: HSC 105, 200, 201, 202, 210, 212, 214, 230, and 298A03; KNR 181 and KNR 182.

Accreditation and Credentialing:

The HIM Program is accredited by the Commission on Accreditation of Health Informatics and Information Management (www.cahiim.org). Graduates of the program are eligible and expected to write the national registry examination. Successful completion of the registry examination leads to the Registered Health Information Administrator (RHIA) professional designation.

Medical Laboratory Science Program

Website: HealthSciences.IllinoisState.edu/lab-science

Degree Offered: B.S.

Medical laboratory scientists work as a part of the medical team. They analyze body fluids and perform tests using highly specialized equipment to diagnose diseases and monitor treatment. They are largely employed in hospitals and private clinical laboratories and industry. Graduates of the program are eligible for national certification.

New Freshmen and New and Internal Transfer Admission Requirements:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended program.

NOTE: Evidence of hepatitis B immunization or waiver is required for enrollment in professional practice.

Standards for Progress in the Major:

MLS majors must earn grades of C or better in all courses required by the major and maintain a minimum cumulative GPA of 2.50 or better to be retained in the program.

PROFESSIONAL PRACTICE IN MEDICAL LABORATORY SCIENCE

Professional Practice is provided off-campus in clinical facilities affiliated with the University. The experience involves technical instruction in clinical hematology, chemistry, blood banking, microbiology and other aspects of laboratory medicine. Students are responsible to provide their own transportation and housing during the Professional Practice experience. Students apply for acceptance into the clinical experience during the spring of the junior year. Students must have maintained a cumulative 2.50 GPA and have received a grade of C or better in all required courses to be eligible for professional practice.

Two Professional Practice options are available: the Standard Track and the Alternative Track. The Standard Track is professional practice in the fall and advanced coursework in the spring semester. The Alternative Track is a 10-12 month experience in an accredited hospital-based program which includes both lecture and laboratory practice throughout. Enrollment in the Alternative Track is extremely limited (see the program director for further details). See the Medical Laboratory Science Student Handbook for more information and a current list of Standard Track and Alternative Track locations. Students must complete an entire set of Professional Practice courses (Standard Track or Alternative Track) to be eligible for graduation and national certification.

Criminal Background Check:

All Medical Laboratory Science students applying to the Standard Track Professional Practice are required to pass a criminal background check. The complete policy is outlined in the Medical Laboratory Science Student Handbook.

MAJOR IN MEDICAL LABORATORY SCIENCE

- 73 hours as specified below.
- Required courses (18 hours): HSC 260, 261, 262, 263, 308 and either the Standard or Alternative Track:
Standard Track required courses (32 hours): HSC 301, 302, 312, 315, 316, 317, 318, 319, 325, 398A22, 398A23, 398A24, 398A27, 398A28, 398A29.
Standard Track elective courses (8 hours): BSC 170, 181 (or KNR 181), 182 (or KNR 182), 196, 203, 219, 220, 283; CHE 215, 242; PHY 105, 108.
Alternative Track required courses (32 hours): HSC 331, 332, 333, 334, 335, 336, 337, 338, 339.
Alternative Track elective courses (8 hours; 3 hours must be from CHE): BSC 170, 181 (or KNR 181), 182 (or KNR 182), 196, 203, 219, 220, 283; CHE 215, 242.
- Required courses outside Health Sciences (17 hours): BSC 160 or 260; CHE 141, 220.

- Required General Education courses (12 hours): BSC 197; CHE 140; MAT 120.
- Strongly recommended courses: HSC 105, 204A02, and IT 150.
- **NOTE:** This major may require more hours than indicated due to prerequisites or lack of prior skill.

A.A.S. to B.S. Degree:

Persons possessing an Applied Associate of Science degree in clinical (medical) laboratory technology from an Illinois community college may complete a B.S. through the Illinois Articulation Initiative. To qualify, students must be certified as a medical laboratory technician by the American Society for Clinical Pathology or as a clinical laboratory technician by the National Credentialing Agency. Qualified students are awarded proficiency credit for some of the A.A.S. courses. Interested students should contact the Medical Laboratory Science program director for details.

Accreditation:

The Medical Laboratory Science program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences, www.naacls.org, 5600 N. River Road, Ste. 720, Rosemont, IL 60018, phone (773) 714-8880.

Safety Program

Website: HealthSciences.IllinoisState.edu/safety

Degree Offered: B.S.

Safety professionals apply principles drawn from such disciplines as technology, the sciences, management, communication, health, and education to reduce the risk of harm to people, property and the environment. Safety professionals have the knowledge and skills to identify, evaluate, and cost-effectively control or prevent the hazards that can produce harm to people, property and the environment. Successful safety professionals are effective communicators with strong “people skills.” Safety professionals are employed in a variety of public and private sector assignments, including manufacturing, insurance, construction, government, and consulting.

New Freshmen, New and Internal Transfer Admission Requirements:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended program.

Students currently enrolled at Illinois State who wish to change their major to Safety must have a minimum GPA of 2.00. Students should see the department academic advisor for information.

Standards for Progress in the Major:

Students must earn grades of C or better in Health Sciences courses required by the major and maintain a minimum cumulative GPA of 2.00 for retention in the program. All students should have a projected plan of study completed in consultation with the departmental academic advisor.

Professional Affiliation:

Professional affiliation is with the American Society of Safety Engineers (ASSE), Central Illinois Chapter, Illinois State University student section, at: asse.org.

MAJOR IN SAFETY

- 51 hours in Health Sciences required.
- Required courses (36 hours): HSC 170, 248, 271, 359, 362, 370, 372, 378, 380, 381, 382, 385.
- Professional Practice (9 hours): HSC 398A04.
- Two elective courses selected from the following (6 hours): HSC 272, 383, 384.
- Required courses outside of Health Sciences (10 hours): CHE 141; KNR 182; TEC 130.
- Required General Education courses: CHE 140; MAT 120; PHY 105 or 108; and one of the following: MQM 100; ECO 138; GEO 138; POL 138; or PSY 138*.
- Recommended electives based on career goals (variable): BSC 160; CHE 220; ENG 145A13 or 249; FIL 250; HSC 145, 156, 247; KNR 181, 282, 342**.

NOTE: *HSC 204A02 may be substituted, but is not a General Education course. **KNR 181, 182, and 282 are prerequisites for KNR 342.

MINOR IN SAFETY

- 21 hours in Health Sciences required.
- Required courses (9 hours): HSC 170, 271, 381.
- Elective courses selected from the following (12 hours): HSC 248, 272, 359, 362, 370, 372, 378, 380, 382, 383, 384, 385.
- Required courses outside of Health Sciences (12-14 hours): CHE 110, 112 or CHE 140; MAT 120; PHY 105 or 108.

Health Sciences Courses**105 MEDICAL TERMINOLOGY****3 sem. hrs.**

Study of basic language related to medical science and allied health specialties with emphasis on word analysis, construction, definitions, pronunciation, spelling, and standard abbreviations.

145 ENVIRONMENTAL HEALTH PRACTICE**3 sem. hrs.**

Introduction to problem-solving tools and skills used in the practice of environmental health from the perspective of waste in society. Not for credit if had HSC 247. Prerequisite: Major or minor or consent of the instructor.

156 ENVIRONMENTAL HEALTH IN THE 21ST CENTURY: MEETING THE GLOBAL CHALLENGE **SMT**
3 sem. hrs.

Application of scientific methods of inquiry to understand environmental problems as they affect public health and personal well-being. Not for credit if had HSC 155.

170 SAFETY AND SOCIETY **SS**
3 sem. hrs.

Examines the impact of the social sciences upon safety and accident prevention. Focuses on cultural influences from a global perspective. Prerequisite: ENG 101 or COM 110 or concurrent registration.

173 ASPECTS OF PROFESSIONAL SAFETY
3 sem. hrs.

Philosophical perspectives of effective and ethical safety practices. Comparison of major concepts related to professional communication, leadership, and ethics.

176 INTRODUCTION TO MOTORCYCLE SAFETY
1 sem. hr.

Classroom and laboratory experiences provide basic knowledge, skills, and techniques necessary for the safe operation of a motorcycle. Not for credit major or minor.

190 FOUNDATIONS OF HEALTH EDUCATION
3 sem. hrs.

The historical and philosophical perspectives of the development of Health Education. A comparison of the major concepts and theories of health and characteristics of health education programs in schools and communities. Prerequisite: Health Education major or minor only.

201 PATHOPHYSIOLOGY I
3 sem. hrs.

Study of human disease processes, including the diagnosis, treatment and management of patients. Prerequisites: GPA 2.25. HSC 105; KNR 181 and 182. Health Sciences major only.

202 PATHOPHYSIOLOGY II
3 sem. hrs.

Continuation of HSC 201. Prerequisite: HSC 201.

204 HEALTH DATA ANALYSIS
3 sem. hrs.

Theory and practice of analysis and presentation of data for management and research in the Health Sciences. Prerequisite: Health Sciences major only.

204A01 HEALTH DATA ANALYSIS: HEALTH EDUCATION
3 sem. hrs.

Theory and use of research, data analysis, and data display in decision-making, and basic interpretation of univariate empirical findings in Health Education. Prerequisite: Health Sciences major only.

204A02 HEALTH DATA ANALYSIS: ENVIRONMENTAL HEALTH AND HEALTH INFORMATION MANAGEMENT
3 sem. hrs.

Theory and use of research, data analysis, and data display in decision-making, and basic interpretation of univariate empirical findings in Environmental Health and Health Information Management. Prerequisite: Health Sciences major only.

**208 DYNAMICS OF UNITED STATES
CONTEMPORARY HEALTH ISSUES SMT**
3 sem. hrs.

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions. Also offered as FCS/KNR 208. Prerequisite: COM 110 or ENG 101.

**210 INTRODUCTION TO HEALTH
INFORMATION MANAGEMENT**
3 sem. hrs.

Introduction of health information management principles, policies and procedures including health data content, collection, quality, registries, access, and retention. Lecture and lab. Prerequisites: HSC 105; KNR 181 and 182.

**212 HEALTH DATA CLASSIFICATION
AND INDEXING SYSTEMS**
3 sem. hrs.

Introduction to the application of diagnosis and procedure classification systems and indexing systems. Prerequisites: HSC 201 and 210.

**213 ADVANCED APPLICATIONS OF HEALTH
DATA CLASSIFICATIONS
AND INDEXING SYSTEMS**
3 sem. hrs.

Application of advanced concepts in classification and indexing systems including quality and performance monitoring. Prerequisites: HSC 202, 212, and 298A03.

**214 HEALTHCARE CLASSIFICATION
SYSTEMS AND REIMBURSEMENT PROCESSES**
3 sem. hrs.

Application and analysis of specialized diagnosis and procedure classification systems for healthcare reimbursement processes. Prerequisites: HSC 213 and 298A03.

**230 LEGAL ASPECTS OF HEALTH
INFORMATION AND RISK MANAGEMENT**
3 sem. hrs.

Review and application of laws, policies, procedures and practices applying to the legal aspects of health information and risk management. Prerequisites: HSC 105 and 210 or consent of the instructor. Major only.

248 OCCUPATIONAL HEALTH
3 sem. hrs.

Adverse environmental conditions encountered in the workplace affecting the efficiency, health, and well-being of employees.

249 ENVIRONMENTAL TOXICOLOGY
3 sem. hrs.

Toxicants such as heavy metals, gases, vapors, dusts, pesticides, food additives, and their effects on health and the environment. Prerequisites: CHE 140, 141; MAT 120 or 145; CHE 220 or concurrent registration; KNR 182 and HSC 145.

252 WATER AND WASTEWATER CONTROL
4 sem. hrs.

Protection of water quality for human and ecosystem needs, and the control of wastewater. Lecture and lab. Materials charge optional. Formerly *WATER QUALITY AND TREATMENT*. Not for credit if had HSC 247. Prerequisites: CHE 140 and 141; MAT 120 or 145; HSC 145; BSC 160 or concurrent registration.

**254 CONTROL OF INSTITUTIONAL
ENVIRONMENTS**
3 sem. hrs.

Environmental health aspects of hospitals, nursing homes, penal institutions, schools, colleges and universities. Control of physical, chemical and microbiological hazards. Lecture and lab. Prerequisites: CHE 140; CHE 141 or concurrent registration; HSC 145; BSC 160 or concurrent registration.

257 AIR QUALITY AND POLLUTION CONTROL
3 sem. hrs.

Air contaminants found in the ambient air, workplace, and home, including health effects, measurement, and control. Lecture and lab. Materials charge optional. Prerequisites: CHE 140, 141 or concurrent registration; HSC 145; MAT 119; KNR 182 or concurrent registration.

**258A01 EPIDEMIOLOGY FOR
ENVIRONMENTAL HEALTH**
3 sem. hrs.

Principles and methods governing the surveillance and investigation of disease and injury in human populations. Prerequisites: HSC 145 and 204A02; MAT 119; BSC 160 or 260 or concurrent registration.

258A02 EPIDEMIOLOGY FOR PUBLIC HEALTH
3 sem. hrs.

Principles and methods governing the surveillance and investigation of disease and injury in human populations. Prerequisite: HSC 204A01 or 204A02.

**260 INTRODUCTION TO CLINICAL
IMMUNOHEMATOLOGY**
3 sem. hrs.

Basic principles and procedures of immunohematology (blood banking). Lecture and lab. Materials charge optional. Prerequisites: HSC 261, 262, 263. Major only; a minimum of 45 hours completed. CHE 220 is recommended.

**261 INTRODUCTION TO CLINICAL
HEMATOLOGY**
4 sem. hrs.

Basic principles of hematology and body fluid analysis. Lecture and lab. Materials charge optional. Prerequisites: BSC 197; CHE 140 and 141; concurrent registration in HSC 262, 263. Major only; a minimum of 45 hours completed. CHE 220 recommended.

**262 INTRODUCTION TO CLINICAL
CHEMISTRY**
4 sem. hrs.

Basic principles and procedures of clinical chemistry and urinalysis. Lecture and lab. Materials charge optional. Prerequisites: BSC 197; CHE 140 and 141; concurrent registration in HSC 261, 263. Major only; a minimum of 45 hours completed. CHE 220 recommended.

**263 INTRODUCTION TO CLINICAL
IMMUNOLOGY**
3 sem. hrs.

Basic principles and procedures of immunology and serology. Lecture and lab. Materials charge optional. Prerequisites: BSC 197; CHE 140 and 141; concurrent registration in HSC 261, 262. Major only; a minimum of 45 hours completed. CHE 220 is recommended.

271 SAFETY TECHNOLOGY**3 sem. hrs.**

Controlling production costs due to accidents. Addresses legislation, worker's compensation, hazard recognition, and safety planning. Includes basic engineering solutions.

272 CONSTRUCTION SAFETY**3 sem. hrs.**

Addresses employee safety training requirements, recordkeeping, hazard recognition, safety inspections, and program planning in the construction industry. Prerequisite: MAT 120.

286 NEEDS ASSESSMENT IN HEALTH EDUCATION**3 sem. hrs.**

Emphasis on procedures which identify health education priorities of populations in various settings. Examination of health needs of select populations. Prerequisites: HSC 190. Health Education major or minor only.

290 STRATEGIES IN HEALTH EDUCATION**3 sem. hrs.**

Examination of the educational process, methods, strategies, and techniques in health education, communication techniques and current resources. Topics: A01, Community Health; A02, School Health. Includes Clinical Experience: 5 hours. Prerequisites: Major or minor only. HSC 190.

290A01 STRATEGIES IN HEALTH EDUCATION: COMMUNITY HEALTH**3 sem. hrs.**

The purpose of this course is to improve Community Health Education student's ability to select, design, and implement evidence-based health education. Prerequisites: Major or minor only. HSC 190.

290A02 STRATEGIES IN HEALTH EDUCATION: SCHOOL HEALTH**3 sem. hrs.**

The purpose of this course is to improve School Health Education student's ability to select, design, and implement evidence-based health education. Prerequisites: Major or minor only. HSC 190.

291 UNDERGRADUATE TEACHING EXPERIENCE IN HEALTH SCIENCES**1-3 sem. hrs.**

Supervised examination of issues related to the Undergraduate Teaching Experience. Requires time beyond the UTA work experience. A maximum of 3 hours may be applied toward graduation. Prerequisites: Official designation as an Undergraduate Teaching Assistant (UTA). Consent of the department chair.

292 COMMUNITY PUBLIC HEALTH**3 sem. hrs.**

Introduction to community public health at local, state, and national levels. Includes emphasis on community health problems, institutions and resources. Prerequisite: Major or minor only.

293 PRINCIPLES OF HUMAN DISEASE**3 sem. hrs.**

Emphasis on human disease processes with special focus on cardiovascular and respiratory systems and the implications for health education. Prerequisite: Health Education major or minor only.

294 DISEASES OF THE HUMAN BODY**3 sem. hrs.**

The course explores human diseases affecting various body systems including the nervous, digestive, reproductive, skeletal and integumentary. Prerequisites: HSC 293. Health Education major or minor only.

296 HEALTH BEHAVIOR AND THEORY**3 sem. hrs.**

An examination of health determinants, major theories, and models of health behavior. Application to Health Education programming will be emphasized. Formerly *CONCEPTS IN HEALTH EDUCATION*. Prerequisites: HSC 190. Major or minor only.

298A03 PROFESSIONAL PRACTICE: HEALTH INFORMATION MANAGEMENT: CLINICAL INTERNSHIP**3 sem. hrs.**

Rotation and project assignments in hospital medical records departments. Prerequisites: Grade of C or better in HSC 200, 202, 212, 230. Major only and consent of the program director.

300 HEALTH INFORMATION SYSTEMS**3 sem. hrs.**

Management and analysis of health data using health information systems. Prerequisites: HSC 200 and 298A03; ENG 145A13 or 249 or concurrent registration. Major only.

301 INTRODUCTION TO COAGULATION AND HEMOSTASIS**2 sem. hrs.**

Principles and test procedures related to blood coagulation and hemostasis. Correlation of test results in disease states. Materials charge optional. Prerequisite: Grade of C or better in HSC 261.

302 INTRODUCTION TO CLINICAL BIOCHEMISTRY**3 sem. hrs.**

Theory and principles of advanced instrumentation and techniques used in reference, pharmaceutical, and biotechnology laboratories as related to disease diagnosis. Prerequisite: HSC 262 or consent of the instructor.

305 PUBLIC HEALTH LEADERSHIP**3 sem. hrs.**

Examination of theoretical foundations, concepts, styles and practice of leadership in public health. Prerequisite: HSC 190.

308 INTRODUCTION TO CLINICAL MICROBIOLOGY**4 sem. hrs.**

Survey of medical microbiology with emphasis on common pathogens. Included are taxonomy, identification, culture methods, procedures and antibiotic susceptibility testing. Lecture and lab. Materials charge optional. Prerequisites: BSC 160 or 260; and HSC 263.

310 HEALTH INFORMATION MANAGEMENT SEMINAR**1 sem. hr.**

Synthesis of program content in preparation for initial employment and the RHIA examination. Prerequisites: HSC 213, 298A03, and 345. Major only.

312 CLINICAL CHEMISTRY II**3 sem. hrs.**

Concentrated laboratory instruction and theoretical applications of clinical biochemistry. Current testing procedures, method comparison, and quality assurance are studied. Prerequisites: HSC 262; MAT 120 or consent of the instructor.

315 CLINICAL PARASITOLOGY AND MYCOLOGY
2 sem. hrs.

General techniques for identification of clinically significant parasites and fungi. Morphology, symptomology, and epidemiology are stressed. Prerequisite: HSC 308.

**316 CLINICAL LABORATORY SCIENCE:
RESEARCH DESIGN****1 sem. hr.**

Research design in clinical laboratory science. Prerequisites: HSC 260, 261 and 262 or consent of the instructor.

317 CLINICAL HEMATOLOGY II**2 sem. hrs.**

Advanced concepts in Hematology. Clinical correlation of test results and disease are emphasized. Prerequisites: HSC 261 and 301.

318 CLINICAL MICROBIOLOGY II**2 sem. hrs.**

Comprehensive medical microbiology with emphasis on characterization of less common pathogens, interpretation of clinical data and etiology. Prerequisites: BSC 260 and HSC 308.

319 CLINICAL IMMUNOHEMATOLOGY II**3 sem. hrs.**

Advanced concepts in Immunohematology. Donor criteria, component therapy, transfusion and problem solving are emphasized. Prerequisite: HSC 260.

**320 ORGANIZATION AND MANAGEMENT
OF HEALTH INFORMATION SERVICES****3 sem. hrs.**

Managerial decision making for planning, organizing, staffing, directing and controlling the functions, operations and resources of a health information department. Prerequisites: HSC 230, 298A03, 300, 345 and 346; MQM 323. Major only.

322 POLLUTION PREVENTION**3 sem. hrs.**

Basic methods in pollution prevention as applied to industrial and nonindustrial settings. Prerequisites: HSC 145; MAT 119.

**325 LABORATORY EDUCATION
AND MANAGEMENT****2 sem. hrs.**

Foundational concepts of education and management, with emphasis on philosophies, methods and techniques for professional application with practicum. Prerequisites: HSC 260, 261 and 262 or consent of the instructor.

**326 HEALTHCARE FINANCIAL MANAGEMENT
AND REIMBURSEMENT SYSTEMS****6 sem. hrs.**

Analysis and application of principles and theories of financial management and reimbursement systems utilized in the United States healthcare system. Prerequisite: RHIT-HIM Online Sequence only.

**327 HEALTHCARE QUALITY MANAGEMENT,
LAW, AND RISK MANAGEMENT****6 sem. hrs.**

Analysis and application of principles and theories concerning United States healthcare quality management, law, and risk management. Prerequisite: RHIT-HIM Online Sequence only.

**328 PLANNING, IMPLEMENTATION
AND MANAGEMENT OF HEALTH
INFORMATION SYSTEMS****6 sem. hrs.**

Addresses the Health Information manager's role and responsibilities in planning, implementing and managing health information systems to manage health data. Prerequisite: RHIT-HIM Online Sequence only.

**329 MANAGEMENT FOR THE HEALTH
INFORMATION ADMINISTRATOR****6 sem. hrs.**

Organization and management of personnel and processes by health information administrators. Prerequisite: RHIT-HIM Online Sequence only.

**330 HEALTH DATA ANALYSIS FOR
DECISION MAKING****6 sem. hrs.**

Collect, analyze, and report clinical data to address administrative problems and issues. Prerequisite: RHIT-HIM Online Sequence only.

**331 APPLIED CLINICAL LABORATORY
MANAGEMENT****1-3 sem. hrs.**

Concentrated instruction in the fundamentals of laboratory management including regulatory, budgetary, personnel and educational issues. Lecture in a clinical setting. May repeat maximum 3 hours. Prerequisites: HSC 260, 261 and 262 or consent of the instructor.

332 APPLIED CLINICAL BIOCHEMISTRY**1-7 sem. hrs.**

Concentrated laboratory instruction in clinical biochemistry. Current testing procedures, instrumentation and quality assurance are studied. Lecture and lab in a clinical setting. Prerequisite: HSC 302.

333 APPLIED CLINICAL IMMUNOLOGY**1-6 sem. hrs.**

Concentrated laboratory instruction in clinical serology and immunology. Current testing procedures, instrumentation and quality assurance are studied. Lecture and lab in a clinical setting. Prerequisites: HSC 260 and 308.

334 APPLIED CLINICAL URINALYSIS**1-3 sem. hrs.**

Concentrated laboratory instruction in routine and special urinalysis procedures. Clinical lab only. Prerequisite: HSC 262.

335 APPLIED SPECIAL MICROBIOLOGY**1-6 sem. hrs.**

Concentrated laboratory instruction in the identification of significant pathogens requiring unique identification methods. May include virology, parasitology or mycology. Lecture and lab in a clinical setting. Prerequisite: HSC 308.

336 CURRENT ISSUES IN CLINICAL LABORATORY SCIENCE**1 sem. hr.**

Current topics and trends in clinical laboratory science. Emphasis on concepts of education and management for professional application. Lecture and lab in a clinical setting. Prerequisites: HSC 260, 261 and 262 or consent of the instructor.

337 APPLIED CLINICAL HEMATOLOGY**1-8 sem. hrs.**

Concentrated laboratory instruction in clinical hematology and coagulation. Current testing procedures, instrumentation and quality assurance are studied. Lecture and lab in a clinical setting. Prerequisites: HSC 261 and 301.

338 APPLIED CLINICAL MICROBIOLOGY**1-6 sem. hrs.**

Concentrated laboratory instruction in clinical microbiology, including identification of pathogens, culture methods, procedures, antibiotic testing and interpretation of clinical data. Lecture and lab in a clinical setting. Prerequisite: HSC 308.

339 APPLIED CLINICAL IMMUNOHEMATOLOGY**1-5 sem. hrs.**

Concentrated laboratory instruction in blood bank. Current testing procedures, donor collection, preparation of blood components and quality assurance are studied. Lecture and lab in a clinical setting. Prerequisite: HSC 260.

345 QUALITY MANAGEMENT IN HEALTH CARE**3 sem. hrs.**

Review and application of strategies to investigate, identify, assess, resolve and monitor performance using health data. Prerequisites: HSC 204, 210, 212, and 298A03 or consent of the instructor. Major only.

346 HEALTHCARE FINANCE**3 sem. hrs.**

Systematic study of hospital financial planning; coordination of financial resources and expenditures; reimbursement methods. Formerly *HOSPITAL BUDGETING PROCEDURES*. Prerequisites: HSC 200, 212, and 298A03 or consent of the instructor. Major only.

350 FOOD PROTECTION**3 sem. hrs.**

An intensive study of the laws, principles, and techniques applied in the protection of food and milk for human consumption. Lecture and lab. Materials charge optional. Prerequisites: HSC 145; BSC 160 or concurrent registration.

355 ENVIRONMENTAL HEALTH DECISION PROCESSES**3 sem. hrs.**

Intensive study of the decision making techniques, organizational structure, interagency relationships, program methodologies, and legal aspects of environmental health practice. Prerequisites: HSC 145 and 156. Senior standing, major in Environmental Health Program, or consent of the instructor.

359 INDUSTRIAL HYGIENE**3 sem. hrs.**

Techniques for measurement, evaluation, and control of chemical and physical hazards in occupational environments. Lecture and lab. Materials charge optional. Prerequisites: HSC 248; MAT 120 or 145.

362 ERGONOMICS**3 sem. hrs.**

Overview of physical and psychological aspects of ergonomics, including workstation design, its role in accident causation, and ergonomic-related injuries and illnesses. Lecture. Prerequisites: MAT 120 or 145; PHY 105 or 108; HSC 204 or MQM 100 or ECO 138 or GEO 138 or POL 138 or PSY 138.

370 SAFETY TRAINING DEVELOPMENT**3 sem. hrs.**

Principles, responsibilities, and techniques for developing, and administering an industrial safety training program, including principles of adult learning. Formerly *INDUSTRIAL SAFETY*. Prerequisite: HSC 381.

372 ACCIDENT/INCIDENT INVESTIGATION, RECORDS, AND EVALUATION**3 sem. hrs.**

Theory, function and application of accident/incident investigation, reporting, and analysis systems. Form design, utilization and record keeping procedures. Prerequisites: HSC 381; MAT 120 or 145; PHY 105 or 108.

378 DISASTER PREPAREDNESS**3 sem. hrs.**

Organizing, directing, coordinating disaster services in schools, industry, and local government. Includes a hands-on disaster exercise. Prerequisites: CHE 110 and 112 or CHE 140 or BSC 145; or consent of the instructor.

380 FIRE PROTECTION AND PREVENTION**3 sem. hrs.**

Measures related to safeguarding human life and preservation of property in prevention, detection, and suppression of fire. Prerequisites: HSC 381; PHY 105 or 108.

381 OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)**3 sem. hrs.**

Interpretation of the provisions of the Occupational Safety and Health Act; the regulations, standards, and reporting requirements pursuant to it. Prerequisites: HSC 170, 271; CHE 140 or consent of the instructor.

382 IMPROVING SAFETY PERFORMANCE**3 sem. hrs.**

Development of specialized knowledge and skills in problem-solving; evaluation and implementation of occupational safety programs. Prerequisites: HSC 370; HSC 204A02 or MQM 100 or ECO 138 or GEO 138 or POL 138 or PSY 138.

383 AGRICULTURAL SAFETY AND HEALTH**3 sem. hrs.**

Major problems of accident causation and prevention applicable to agriculture and the need for farm safety education, engineering, and enforcement of countermeasures. Half-day field trip required. Also offered as AGR 383.

384 HAZARDOUS MATERIALS REGULATION**3 sem. hrs.**

Overview of federal and state safety and environmental regulations dealing with hazardous materials in the workplace and community. Prerequisite: CHE 140.

385 SYSTEM SAFETY**3 sem. hrs.**

Risk and life cycle concept. Application of inductive and deductive analytical techniques for hazard identification and risk assessment. Prerequisite: HSC 204 or MQM 100 or ECO 138 or GEO 138 or POL 138 or PSY 138.

387 PROGRAMS IN SCHOOL HEALTH**3 sem. hrs.**

Comprehensive school health education with major topics of health education, school health programs, and school community collaboration. Prerequisites: HSC 290 and 292.

390 DRUGS IN SOCIETY**3 sem. hrs.**

Psychological, social, medical, legal, and economic aspects of use, misuse, and abuse of substances will be explored along with the implications for education and prevention. Prerequisites: Health Education major or minor only. A minimum of 45 hours completed.

**391 CURRICULUM AND EVALUATION
IN SCHOOL HEALTH****3 sem. hrs.**

School health education standards, curriculum development and evaluation, student assessment and accommodations for students with special needs. Includes Clinical Experience: 10 hours. Prerequisites: HSC 290; Admission to Professional Studies.

394 HEALTH ASPECTS OF AGING**3 sem. hrs.**

Characteristics of the aging process and factors influencing adaptation and the quality of living. Also offered as FCS/KNR 394.

**395 HEALTH COMMUNICATION AND SOCIAL
MARKETING****3 sem. hrs.**

Analysis and development of print and non-print materials and their use by health educators. Formerly *MEDIA AND MATERIALS IN HEALTH EDUCATION*. Prerequisites: Grade of C or better in HSC 286 and HSC 290A01 or 290A02. Health Sciences major only.

**396 HEALTH EDUCATION PROGRAM
PLANNING AND EVALUATION****3 sem. hrs.**

Theory and application of Health Education planning and promotion. Grantsmanship and evaluation will be emphasized. Prerequisites: Grade of C or better in HSC 286 and HSC 290A01 or 290A02. Health Sciences major only.

**398A01 PROFESSIONAL PRACTICE:
ENVIRONMENTAL HEALTH INTERNSHIP****3-12 sem. hrs.**

Internship in a governmental, industrial, or institutional organization, providing on-the-job training and introduction to a career in environmental health. May be repeated; maximum 12 hours. Prerequisite: Consent of the program director.

**398A02 PROFESSIONAL PRACTICE:
INTERNSHIP IN HEALTH EDUCATION****1-16 sem. hrs.**

Extended in-service experience under the guidance of qualified personnel in Health Education. Prerequisites: 2.50 major and cumulative GPA; HSC 395 and 396.

**398A03 PROFESSIONAL PRACTICE: HEALTH
INFORMATION MANAGEMENT:
MANAGEMENT INTERNSHIP****3 sem. hrs.**

Application of advanced Health Information Management skills in a health related setting geared towards the career interests of the students. Prerequisites: Grade of C or better in all major courses. Major only and consent of program director. Evidence of health insurance and professional liability insurance required.

398A04 PROFESSIONAL PRACTICE: SAFETY**6-12 sem. hrs.**

Structured safety work experience under the supervision of an experienced safety professional in a business, industry, or government setting, with oversight by a Safety faculty member. Provides a capstone experience for Safety majors. Prerequisites: HSC 359, 381 and 6 hours from HSC 272, 362, 370, 372, 378, 380, 382, 383, 384, 385. A 2.00 major and cumulative GPA is required. Safety majors only.

**398A05 PROFESSIONAL PRACTICE: HEALTH
INFORMATION MANAGEMENT – RHIT****1-3 sem. hrs.**

Application of HIM knowledge and skills in a healthcare professional setting. May be repeated a maximum of 3 hours. This is a capstone course and the students are required to have a professional skills base. Prerequisites: Grade of C or better in HSC 326, 327 and 328. RHIT-HIM Online Sequence major only and consent of program director. Evidence of health insurance and professional liability may be required.

**398A21 PROFESSIONAL PRACTICE: MEDICAL
LABORATORY SCIENCE: SPECIAL STUDIES****1-8 sem. hrs.**

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: Grade of C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398A22 PROFESSIONAL PRACTICE: MEDICAL
LABORATORY SCIENCE: BIOCHEMISTRY****2 sem. hrs.**

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: Grade of C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398A23 PROFESSIONAL PRACTICE: MEDICAL
LABORATORY SCIENCE: SEROLOGY****1 sem. hr.**

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: Grade of C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398A24 PROFESSIONAL PRACTICE:
MEDICAL LABORATORY SCIENCE:
URINALYSIS AND BODY FLUIDS
1 sem. hr.**

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: Grade of C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398A27 PROFESSIONAL PRACTICE:
MEDICAL LABORATORY SCIENCE:
HEMATOLOGY
2 sem. hrs.**

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: Grade of C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398A28 PROFESSIONAL PRACTICE:
MEDICAL LABORATORY SCIENCE:
MICROBIOLOGY
4 sem. hrs.**

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: Grade of C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

**398A29 PROFESSIONAL PRACTICE:
MEDICAL LABORATORY SCIENCE:
IMMUNOHEMATOLOGY
2 sem. hrs.**

Structured, off-campus clinical laboratory experience under the guidance of qualified medical laboratory professionals. Students receive individualized training and practicum to develop professional attitudes, competencies and analytical skills. Primarily for students completing the B.S. requirements through clinical study standard track. Prerequisites: Grade of C or better in HSC 260, 261, 262, 263, 301, 302, 308 taken within the last 7 years.

INFORMATION TECHNOLOGY (IT) 515

202 Old Union, (309) 438-8338
Web address: IT.IllinoisState.edu

Director: Mary Elaine Califf.

Tenured/Tenure-track Faculty:

Professors: Li, Lim, Mahatanankoon.

Associate Professors: Califf, Qaddour, Sagers, Suh, Tang, Twitchell, Wolf.

Assistant Professors: Javadi, Jia, Saripalle, Sikolia.

General School Information

The School of Information Technology (IT) offers three degree programs: Information Systems, Computer Science, and Network and Telecommunications Management. All three require substantial interpersonal communication skills as well as technical skills in computing, information technology and networking. The curricula have a strong practical emphasis on the application of computers, systems, and networking techniques to real world problems. Practical skills and applications are balanced with exposure to the knowledge base that underlies the field of computing.

Both the Information Systems and Computer Science programs prepare a student for a computing career, but, there are important differences in the context of the work to be performed, the types of problems to be solved, and the types of systems to be designed and built. Starting positions for either program include such job titles as programmer or programmer/analyst. The Network and Telecommunications Management program prepares undergraduate students to enter the telecommunications industry in entry-level positions with adequate preparation to assume management positions once work experience is gained.

Department minors are intended to help majors in other departments focus on specific skills and electives which are relevant for their career needs. Minors are available in Information Systems and in Computer Science.

Academic Requirements:

For any student who enrolls in a course in the School of Information Technology, a grade of C or better is required in all prerequisite courses. For majors, only courses in which the student has received a grade of C or better may be counted toward the hours required in the major, including supporting requirements.

A student cannot pursue a double major in any two programs in the School of Information Technology. Also, a student cannot pursue both a major and a minor in Information Technology.

Admission Requirements:

A student may enter a major or minor in the School of Information Technology as a new freshman, a transfer

student, or as a change of major at Illinois State University. Students should contact the Information Technology undergraduate advisor or University Admissions for minimum admission requirements.

Transfer Students:

Proficiency with the Java programming language is expected in 200- and 300-level Information Technology courses and is usually obtained by completing IT 168 and one of IT 178, 179; or IT 275.

HONORS IN INFORMATION TECHNOLOGY

The School offers honors work in all programs to highly qualified juniors and seniors. Candidates must have a 3.30 overall GPA and a 3.50 GPA in Information Technology. Honors requirements involve honors course work and the preparation of a substantial research paper or the completion of a significant application project prepared under the guidance of a faculty advisor. Further details about the University Honors program are available at Honors.IllinoisState.edu.

PROFESSIONAL PRACTICE

Each degree program requires a practical experience that may be satisfied by a directed project or an internship. An internship experience is the usual way for students to satisfy this requirement. IT 191 (1 hour) is required and prepares students for fulfilling this requirement. It is recommended that IT 191 be taken no later than the sophomore year.

The six (6) hours of Professional Practice credit counted toward the major will be graded. Any additional Professional Practice credit will be earned on a CR/NC basis. A maximum of 16 hours of Professional Practice credit (IT 391, 398) may be applied toward graduation. Students may not register for IT 398 during the last semester of their studies.

MINOR IN COGNITIVE SCIENCE

The School of Information Technology participates in the Minor in Cognitive Science program. Several courses offered by the School contribute to the minor. For further information, please consult the School undergraduate advisor as well as the section entitled "Minor in Cognitive Science" under Interdisciplinary Studies Programs in this *Undergraduate Catalog*.

Information Systems Programs

Degree Offered: B.S.

MAJOR IN INFORMATION SYSTEMS

The Information Systems (IS) Major is designed to prepare professionals in Information Systems including such areas as systems analysis and design and software engineering. This degree focuses on the use of computer technology and information management methods to solve business problems. This requires an understanding of both the organizational context of the problem and the technologies,

methodologies, and tools typically utilized. There are four sequences within this program: the Information Assurance and Security Sequence, the Integration of Enterprise Systems Sequence, the Systems Development/Analyst Sequence, and the Web Application Development Sequence.

The Information Assurance and Security Sequence is designed to give students the knowledge and tools necessary for protecting information and information systems. The Integration of Enterprise Systems Sequence is designed for students who wish to pursue both technical and practical skills in large-scale, multi-platform enterprise computing systems. The Systems Development/Analyst Sequence provides breadth and depth in analysis and design techniques preparing students to work in a variety of information technology environments, while the Web Application Development Sequence emphasizes the development of Web/Internet-based business information systems. The Information Systems program is accredited by the Computing Accreditation Commission of the ABET, at www.abet.org.

Preparation for Graduate Study:

The Information Systems major offers excellent preparation for a number of computer and management information systems master's programs. Students interested in an MBA program may want to combine this major with a Business Administration minor. Any student interested in graduate school should discuss options with faculty and an academic advisor during their junior year.

Information Assurance and Security Sequence:

The Information Assurance and Security Sequence is designed to give students the knowledge and tools necessary for protecting information and information systems. The sequence provides education for protecting the confidentiality, availability, and integrity of information using technology, people, and policy. A minor is not required.

- 80-81 total hours required.
- 47-48 hours in Information Technology required.
- Required courses (38 hours): IT 168, 178, 191, 214, 250, 254, 261, 262, 276, 351, 357, 377, 378.
- Professional Practice (6 hours): IT 398.
- 1 course from: IT 170, 244, 330, 344, 345, 353, 363, 368, 373, 376, 380, 381.
- Supporting requirements (33 hours):
 - Mathematics and Statistics (11 hours): MAT 120 or 145; 160; 1 course from: ECO 138; GEO 138; PSY 138; MQM 100.
 - Communication and Organization (22 hours): ACC 131; COM 223; ECO 105 (4 hours); MQM 220; 1 course from COM 227, ENG 249; and 2 courses from ACC 132, ECO 225 or 239 or 245, FIL 240, MKT 230.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitution for 3 hours of IT 398 is 3 hours of IT 391.
- Acceptable substitution for 6 hours of IT 398 is 3 hours of

IT 391 and 3 hours from IT 244, 330, 344, 345, 353, 363, 368, 373, 376, 380, 381 (if not used to satisfy other requirements).

Integration of Enterprise Systems Sequence:

The Integration of Enterprise Systems Sequence is designed for students who are interested in the areas of software development, project management, and application integration using large enterprise computing systems. This sequence provides in-depth knowledge regarding the integration of business applications on a large enterprise computing system. A minor is not required.

- 81-82 total hours required.
- 44-49 hours in Information Technology required.
- Required courses (39 hours): IT 168, 178, 191, 214, 225 or 254; 261, 262, 272, 276, 330, 372, 378, 392.
- Professional Practice (6 hours): IT 398.
- 1 course from: IT 244, 250, 344, 345, 363, 367, 368.
- Supporting requirements (33 hours):
 - Mathematics and Statistics (11 hours): MAT 120 or 145; MAT 160; 1 course from ECO 138, GEO 138, PSY 138, MQM 100.
 - Communication and Organization (22 hours): ACC 131, COM 223, ECO 105 (4 hours), MQM 220; 1 course from COM 227, ENG 249; 2 courses from ACC 132, ECO 225 or 239 or 245, FIL 240, MKT 230.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitution for 3 hours of IT 398 is 3 hours of IT 391.
- Acceptable substitution for 6 hours of IT 398 is 3 hours of IT 391 and 3 hours from IT 244, 250, 344, 345, 363, 367, 368, (if not used to satisfy other requirements).

Systems Development/Analyst Sequence:

The Systems Development/Analyst Sequence is designed for the student who will seek a position as an Information Systems professional developing business-oriented information systems. This sequence provides in-depth knowledge of analysis and design techniques along with electives in emerging technologies. A minor is not required.

- 82 total hours required.
- 49 hours in Information Technology required.
- Required courses (37 hours): IT 168, 178, 191, 214, 254, 261, 262, 272, 276, 363, 372, 378.
- Professional Practice (6 hours): IT 398.
- 2 courses from: IT 244, 250, 330, 341, 344, 345, 353, 367, 368.
- Supporting requirements (33 hours):
 - Mathematics and Statistics (11 hours): MAT 120 or 145; MAT 160; 1 course from ECO 138; GEO 138; PSY 138; MQM 100.
 - Communication and Organization (22 hours): ACC 131; COM 223, ECO 105 (4 hours), MQM 220; 1 course from COM 227, ENG 249; 2 courses from ACC 132, ECO 225 or 239 or 245, FIL 240, MKT 230.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitution for 3 hours of IT 398 is 3 hours of IT 391.
- Acceptable substitution for 6 hours of IT 398 is 3 hours of IT 391 and 3 hours from IT 244, 250, 330, 341, 344, 345, 353, 367, 368 (if not used to satisfy other requirements).

Web Application Development Sequence:

The Web Application Development Sequence is designed to give students a background for developing information systems in a Web/Internet-based environment. This sequence provides in-depth knowledge of Web development techniques and supporting technologies, along with related emerging technologies. A minor is not required.

- 80 total hours required.
- 47 hours in Information Technology required.
- Required courses (35 hours): IT 168, 178, 191, 214, 254, 261, 262, 276, 353, 354, 358, 378.
- Professional Practice (6 hours): IT 398.
- 2 courses from: IT 244, 330, 341, 344, 345, 367, 368, 377.
- Supporting requirements (33 hours):
 - Mathematics and Statistics (11 hours): MAT 120 or 145; MAT 160; 1 course from: ECO 138; GEO 138; PSY 138; MQM 100.
 - Communication and Organization (22 hours): ACC 131; COM 223; ECO 105 (4 hours); MQM 220; 1 course from: COM 227, ENG 249; and 2 courses from ACC 132, ECO 225 or 239 or 245, FIL 240, MKT 230.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitution for 3 hours of IT 398 is 3 hours of IT 391.
- Acceptable substitution for 6 hours of IT 398 is 3 hours of IT 391 and 3 hours from IT 244, 330, 341, 344, 345, 367, 368, 377 (if not used to satisfy other requirements).

MINOR IN INFORMATION SYSTEMS

The Information Systems Minor is designed for people who will use computers as tools in their chosen profession or provide limited computer support for their work group.

- A minimum of 22 hours required.
- Required courses: IT 168, 178, 254, 261, 262.
- 1 course from: IT 250, 276, 341, 353, 367, 368, 378.
- 3-4 hours of an IT 200 or 300-level course.

Computer Science Programs

Degree Offered: B.S.

MAJOR IN COMPUTER SCIENCE

This degree is designed for students who wish to pursue a comprehensive study of computer science that blends theory, abstraction, and design in a variety of traditional and

current areas. Graduates will be prepared to work for a variety of companies including those that have a scientific, engineering, or mathematical focus. It would also prepare students to pursue graduate studies in Computer Science. The Computer Science Program is accredited by the Computing Accreditation Commission of ABET, at www.abet.org.

General Computer Science Sequence:

The General Computer Science sequence is designed for students who wish to pursue a broad education in computer science and to prepare students to work for a variety of companies including those that have a scientific, engineering, or mathematical focus. It would also prepare students to pursue graduate studies in Computer Science. The sequence is accredited by the Computing Accreditation Commission (CAC) of the Accreditation Board for Engineering and Technology (ABET). A minor is not required.

- 86-88 hours required.
- 50 hours in Information Technology required.
- Required courses (35 hours): IT 168, 179, 191, 214, 225, 226, 261, 279, 327, 328, 378, 383.
- 6 hours of IT 398.
- 9 hours from: IT 244, 276, 326, 330, 340, 345, 351, 353, 356, 367, 382, 384, 385, 388 (6 of the 9 hours must be from: IT 326, 340, 356, 384, 388).
- Supporting requirements (36-38 hours):
 - Mathematics and Statistics (15-16 hours): MAT 145, 146, 260; 1 course from: MQM 100, MAT 250, 350.
 - Communication (6 hours): COM 223, ENG 249.
 - Science (15-16 hours): 1 pair of: CHE 140, 141; or PHY 110, 111; 2 additional courses from: BSC 196, 197, CHE 140, 141, PHY 110, 111, 112, 375.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitution for 3 hours of IT 398 is 3 hours of IT 391.
- Acceptable substitution for 6 hours of IT 398 is 3 hours of IT 391 and 3 additional hours from IT 244, 276, 326, 330, 340, 345, 351, 353, 356, 367, 382, 384, 385, 388 (if not used to satisfy other requirements).

Web Computing Sequence:

The Web Computing sequence is designed for students who wish to pursue a broad education in computer science with special emphasis on Web, mobile, and cloud computing. It is to prepare students to work for a variety of companies including those that have a scientific, engineering, or mathematical focus, with Web computing needs. It would also prepare students to pursue graduate studies in Computer Science. A minor is not required.

- 86-88 hours required.
- 50 hours in Information Technology required.
- Required courses (44 hours): IT 168, 179, 191, 214, 225, 226, 261, 279, 327, 328, 353, 354, 358, 378, 383.
- 6 hours of IT 398.
- Supporting requirements (36-38 hours):

116 Information Technology

- Mathematics and Statistics (15-16 hours): MAT 145, 146, 260; 1 course from: MQM 100, MAT 250, 350.
- Communication (6 hours): COM 223, ENG 249.
- Science (15-16 hours): 1 pair of: CHE 140, 141; or PHY 110, 111; 2 additional courses from: BSC 196, 197, CHE 140, 141, PHY 110, 111, 112, 375.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitution for 3 hours of IT 398 is 3 hours of IT 391.
- Acceptable substitution for 6 hours of IT 398 is 3 hours of IT 391 and 3 additional hours from IT 244, 276, 326, 330, 340, 345, 351, 356, 367, 382, 384, 385, 388 (if not used to satisfy other requirements).

Preparation for Graduate Study:

The Computer Science major should be elected by those students interested in traditional Computer Science graduate programs. Any student interested in graduate school should discuss options with faculty and an academic advisor during the junior year.

MINOR IN COMPUTER SCIENCE

This minor provides a solid foundation for using the computer as a tool in any discipline and may be of particular interest to majors in mathematics or the natural sciences. It provides an opportunity for students to gain knowledge in a specialized area such as graphics, parallel processing, or artificial intelligence.

- 22 hours required.
- IT 168, 179, 225, 226, 261, 279.
- 1 course from: IT 326, 327, 328, 340, 356, 384, 388.

Network and Telecommunications Management Program

Degree Offered: B.S.

MAJOR IN NETWORK AND TELECOMMUNICATIONS MANAGEMENT

Network and Telecommunications Management is concerned with network technology, information systems, computer technology, business practices, policy issues, and psychological/social considerations involved in voice, data, image, and video transmission. This program prepares undergraduate students to enter the industry in entry-level positions with adequate preparation to assume management positions once work experience is gained. Graduates will possess an in-depth technical understanding of computer networks and telecommunication systems as well as an appreciation of the economic and public policy issues that are important in the design and development of local and wide area networks, and national and multinational telecommunication systems. A minor is not required.

- 80 total hours required.

- 47 hours in Information Technology required.
- Required courses (35 hours): IT 168, 170 or 178, 191, 214, 254, 261, 262, 276, 373, 377, 379, 381.
- Professional Practice (6 hours): IT 398.
- Electives: 2 courses from: IT 250, 374, 376, 378, 380.
- Economic, Legal, Public Policy (10 hours): ECO 105 (4 hours), 235; 1 course from: FIL 311, 312; POL 318.
- Supporting requirements (23 hours):
 - Mathematics and Statistics (11 hours): MAT 120 or 145; MAT 146 or 160; 1 course from: ECO 138, GEO 138, PSY 138, MQM 100.
 - Communication and Organization (12 hours): ACC 131; COM 223; MQM 220; 1 course from COM 227, ENG 249.

ALLOWABLE SUBSTITUTIONS FOR REQUIRED COURSES:

- Acceptable substitution for 3 hours of IT 398 is 3 hours of IT 391.
- Acceptable substitution for 6 hours of IT 398 is 3 hours of IT 391 and 3 hours from IT 374, 376, 378, 380 (if not used to satisfy other requirements).

Information Technology Courses

Most Information Technology courses are restricted to students with majors or minors within the School of Information Technology. Some Information Technology courses may not be offered every year. Contact the School of Information Technology undergraduate advisor for the current schedule of offerings.

115 REASONING ABOUT COMPLEX SYSTEMS QR 3 sem. hrs.

Systems theory applied to complex systems. Design, construction, uses, and analysis of simulations for complex systems. May not be taken under the P/NP option. Prerequisites: MAT 113, 120, 130, or 145.

140 INTERACTING IN A DIGITAL WORLD SMT 3 sem. hrs.

This course provides foundation concepts of computers and information technologies and their application in today's world. Lecture and lab. Not for credit IT Major or minor. Formerly *INTRODUCTION TO THE COMPUTER WORLD*. Prerequisites: COM 110 and ENG 101.

150 USING MICROCOMPUTER PRODUCTIVITY TOOLS 3 sem. hrs.

Introduction to typical microcomputer-based productivity tools such as word processing, spreadsheets, databases, and presentation graphics. Lecture and lab. Not for credit IT major or minor, or if had BE 125.

164 INTRODUCTION TO PROBLEM SOLVING USING THE COMPUTER 3 sem. hrs.

Use of pseudocode, charts, and Python to develop the analytical and algorithmic thinking necessary to succeeding in programming courses.

165 COMPUTER PROGRAMMING FOR SCIENTISTS

4 sem. hrs.

Introduction to computer programming emphasizing numerical algorithms for scientific applications. Problem analysis and operating system concepts included. Not for credit IT major or minor. Lecture and lab. Prerequisite: Grade of C or better in MAT 145.

168 STRUCTURED PROBLEM-SOLVING USING THE COMPUTER

4 sem. hrs.

Introduction to the development of algorithms for computer systems processing. Emphasis on structured problem solving and the design of problem solutions. Recommended as one of the first courses in the Computer Science major. Lecture and lab. Prerequisite: MAT 104 or high school equivalent.

170 SCRIPTING LANGUAGES AND AUTOMATION

3 sem. hrs.

Fundamentals of scripting languages for automation of tasks and general programming. Emphasis on portability, text processing and system administration. Prerequisite: Grade of C or better in IT 168 or consent of the school advisor.

178 COMPUTER APPLICATION PROGRAMMING

3 sem. hrs.

The design, development, and implementation of computer application systems, including files and GUI. Prerequisite: Grade of C or better in IT 168 or 177 or consent of the school advisor.

179 INTRODUCTION TO DATA STRUCTURES

3 sem. hrs.

Intermediate computer programming, including elementary data structures such as linked lists, stacks, queues, binary trees. Prerequisite: Grade of C or better in IT 168 or consent of the school advisor.

191 INTRODUCTION TO IT PROFESSIONAL PRACTICE

1 sem. hr.

Researching available positions, interpreting job descriptions, interview skills, preparing a resume, benefits of a Professional Practice experience. Prerequisites: Grade of C or better in IT 168 or 177. Major only.

214 SOCIAL, LEGAL, AND ETHICAL ISSUES IN INFORMATION TECHNOLOGY

3 sem. hrs.

SMT

Study of personal, societal, legal, and ethical issues raised by the effects of information technology. Prerequisites: COM 110 and ENG 101.

225 COMPUTER ORGANIZATION

3 sem. hrs.

Introduction to computer organization, internal representation of instructions and data, and interaction between software and hardware components. Prerequisites: Grade of C or better in IT 178 or 179. Major or minor only or consent of the school advisor.

226 ADVANCED PRACTICAL APPLICATION DEVELOPMENT

3 sem. hrs.

Practical programming tools and techniques, including event-driven programming, design patterns, testing, source-code control, software maintenance. Introduction to C++ and UNIX. Prerequisites: Grade of C or better in IT 179. Major or minor only or consent of the school advisor.

244 INTRODUCTION TO BUSINESS INTELLIGENCE

3 sem. hrs.

This course enables students to learn about Business Intelligence and explore the relevant technology from a multi-disciplinary perspective. Prerequisites: IT 150 or equivalent; MQM 100 or consent of the instructor.

250 FUNDAMENTALS OF INFORMATION ASSURANCE AND SECURITY

3 sem. hrs.

Fundamental concepts in information assurance and security including planning, risk management, cryptography, network security, hardening, people, and physical security. Formerly IT 350. Prerequisites: Grade of C or better in IT 178 and 276 or concurrent registration. Major or minor only or consent of the school advisor.

254 HARDWARE AND SOFTWARE CONCEPTS

3 sem. hrs.

Overview of nature and interrelationships of computer architectures, hardware, operating systems, data types, microcontrollers, virtualization, storage technologies, and filesystems. Prerequisites: Grade of C or better in IT 168. Major or minor only or consent of the school advisor.

261 SYSTEMS DEVELOPMENT I

3 sem. hrs.

Information systems development, development methodologies, analysis and design techniques and tools, relational database concepts. Prerequisites: Grade of C or better in IT (178, 179, or 277) and IT (254 or 225 or concurrent registration). Major or minor only or consent of the school advisor.

262 INFORMATION TECHNOLOGY PROJECT MANAGEMENT

3 sem. hrs.

The processes, methods, techniques, and tools in managing information technology projects including scope, time, cost, quality, and risk management. Prerequisites: IT 261 or concurrent registration. Major or minor only or consent of the school advisor.

272 COBOL AS A SECOND LANGUAGE

4 sem. hrs.

COBOL language for students with substantial programming experience in another language. Emphasizes structured problem-solving and programming. Prerequisites: Grade of C or better in IT 178. Major or minor only or consent of the school advisor.

275 JAVA AS A SECOND LANGUAGE

4 sem. hrs.

Intensive study of the Java programming language for students with previous programming experience. Prerequisites: 2-semester sequence in a high-level programming language required. Major or minor only or consent of the school advisor.

276 DATA COMMUNICATIONS**3 sem. hrs.**

Hardware and software used in data communications and networking. Network types, architectures, protocols and standards. Local area and packet networks. Formerly IT 375. Prerequisites: Grade of C or better in IT 168 and (IT 225 or 254 or concurrent registration). Major or minor only or consent of the school advisor.

279 ALGORITHMS AND DATA STRUCTURES**3 sem. hrs.**

Data structures, algorithms, mathematical foundations of computer science. Topics include lists, trees, graphs, sorting, searching, correctness, computational complexity, algorithm design. Prerequisites: Grade of C or better in IT 226; MAT 160 or 260 or concurrent registration in MAT 260. Major or minor only or consent of the school advisor.

326 PRINCIPLES OF SOFTWARE ENGINEERING**3 sem. hrs.**

Fundamentals of software engineering. Topics include specification models, metrics, design fundamentals, interface design, quality assurance, and automated tools. Offered alternate years. Prerequisites: Grade of C or better in IT 179 and 261. Major or minor only or consent of the school advisor.

327 CONCEPTS OF PROGRAMMING LANGUAGES**3 sem. hrs.**

Survey of pragmatic, syntactic and semantic structure of programming languages. Procedural, logic-oriented, object-oriented and other contemporary languages included. Prerequisites: Grade of C or better in IT 179. Major or minor only or consent of the school advisor.

328 INTRODUCTION TO THE THEORY OF COMPUTATION**3 sem. hrs.**

Basic concepts in computing theory. Topics include recursive definitions, regular expressions, transition graphs, automata, nondeterminism, grammars, parsing, decidability, Turing machines. Prerequisites: Grade of C or better in IT 279. Major or minor only or consent of the school advisor.

330 INTRODUCTION TO ENTERPRISE COMPUTING SYSTEMS**3 sem. hrs.**

Introduction to the mainframe enterprise computing systems, organizations, architectures, operating systems, networking, hardware and software utilities, and applications. Prerequisites: Grade of C or better in IT 225 or 254. Major or minor only or consent of the school advisor.

340 INTRODUCTION TO ARTIFICIAL INTELLIGENCE**3 sem. hrs.**

Foundations of artificial intelligence including heuristic search and knowledge representation with a survey of several artificial intelligence research areas. Prerequisites: Grade of C or better in IT 279. Major or minor only or consent of the school advisor.

341 OBJECT-ORIENTED SYSTEM DEVELOPMENT**3 sem. hrs.**

Main concepts of object-oriented technology and a comprehensive methodology for system development. Object-oriented analysis, design, and implementation including object-oriented databases. Prerequisites: Grade of C or better in IT 261. Major or minor only or consent of the school advisor.

344 APPLIED DATA MINING**3 sem. hrs.**

This course enables students to extract knowledge from big datasets by applying supervised and unsupervised data mining methods using software tools. Prerequisite: IT 244 or equivalent.

345 ADVANCED BUSINESS INTELLIGENCE AND DATA WAREHOUSING**3 sem. hrs.**

Topics covered include data warehousing, Big Data, data governance, and the future of the business intelligence field. Prerequisite: Grade of C or better in IT 378.

351 PRACTICAL CRYPTOGRAPHY AND TRUSTED SYSTEMS**3 sem. hrs.**

Practical cryptography and its applications, authentication protocols, access controls and trusted systems. Formerly *ADVANCED INFORMATION ASSURANCE AND APPLIED CRYPTOGRAPHY*. Prerequisites: Grade of C or better in IT 250 or 226 and 276. Major or minor only or consent of the school advisor.

353 WEB DEVELOPMENT TECHNOLOGIES**3 sem. hrs.**

Web concepts, infrastructure, development technologies, multi-tiered program design and implementation, and current issues and trends. Prerequisites: Grade of C or better in 261. Major or minor only or consent of the school advisor.

354 ADVANCED WEB APPLICATION DEVELOPMENT**3 sem. hrs.**

Theory and practice of state-of-the-art technologies for application development for the Web including service-oriented and mobile systems. Prerequisites: Grade of C or better in IT 353. Major or minor only or consent of the school advisor.

356 INTRODUCTION TO COMPUTER GRAPHICS**3 sem. hrs.**

Graphics software and hardware, pipeline model of rendering. 2D/3D modeling, transformations. Algorithms: polygons, lighting, textures, visibility. Prerequisites: IT 279. Major or minor only or consent of the school advisor.

357 TOOLS AND TECHNIQUES IN INFORMATION ASSURANCE AND SECURITY**3 sem. hrs.**

Application of current tools and techniques in information assurance and security including monitoring, malware, penetration testing, and data forensics. Prerequisites: Grade of C or better in IT 250 and 276.

358 MOBILE AND CLOUD COMPUTING**3 sem. hrs.**

Develop, deploy, and troubleshoot mobile and cloud computing applications. Prerequisite: Grade of C or better in IT 353, or consent of the school advisor.

363 SYSTEMS DEVELOPMENT II**4 sem. hrs.**

Emphasis on analysis and design techniques and tools, project communication, systems development methodologies, interface design. Systems development team project. Prerequisites: Grade of C or better in IT 261 and 262. Grade of C or better in COM 223. Major or minor only or consent of the school advisor.

367 DESIGNING THE USER INTERFACE**3 sem. hrs.**

Human factors issues in developing information systems: task analysis, user interface design guidelines, psychological principles, prototyping interfaces, and user evaluation. Prerequisites: Grade of C or better in IT 261. Major or minor only or consent of the school advisor.

368 TOPICS IN INFORMATION SYSTEMS**3 sem. hrs.**

Advanced topics in information systems, including systems analysis, design, systems development and Web development. May be repeated if content different. Prerequisites: Major or minor only or consent of the school advisor. Prerequisites vary with topic chosen.

368A10 WEBSITE DEVELOPMENT USING**ASP.NET****3 sem. hrs.**

Website development using ASP.Net. This course will focus on the practical application of ASP.Net to build comprehensive websites. Internet Information Services (IIS) and Visual Studio.Net will be covered to facilitate the complete integration of ASP.Net within the web environment. Prerequisite: IT 261.

368A16 MANAGING IT SERVICES**3 sem. hrs.**

The Information Technology Infrastructure Library (ITIL) service lifecycle, consisting of five interrelated phases, is introduced and narrated with real-world scenarios and case studies. Prerequisites: Information Systems or Computer Science major or minor only or consent of the department advisor.

368A17 ENTERPRISE RESOURCE PLANNING**3 sem. hrs.**

This course provides students with a comprehensive evaluation of Enterprise Resource Planning (ERP) from managerial and technical aspects. Prerequisites: Major or minor only or consent of the department advisor. A grade of C or better in IT 261 and COM 223 or consent of the graduate advisor.

370 SERVER MANAGEMENT**3 sem. hrs.**

Build, manage and troubleshoot server hardware and software. Prerequisite: Grade of C or better in IT 377, or consent of the school advisor.

372 EXTERNAL DATA STRUCTURES**3 sem. hrs.**

External file design, VSAM, IBM utilities and sort/merge, basic concepts of IBM/MVS operating systems, and extensive study of JCL. Prerequisites: Grade of C or better in IT 254 and 272. Major or minor only or consent of the school advisor.

373 WIDE AREA NETWORK INFRASTRUCTURES**3 sem. hrs.**

Design, configure, operate, and use Wide Area Networks and network applications. Emphasizes hands-on use of network design tools. Prerequisites: Grade of C or better in IT 375. Major or minor only or consent of the school advisor.

374 TOPICS IN TELECOMMUNICATIONS**3 sem. hrs.**

In-depth study of a topic in telecommunications such as emerging technologies, network administration, network management architectures, and wireless communications. May be repeated if content different. Prerequisites: Major or minor only or consent of the school advisor. Prerequisites vary with topic chosen.

376 WIRELESS AND MOBILE NETWORK SECURITY**3 sem. hrs.**

Overview of fundamental principles and security algorithms of security in wireless networks. Emphasis is on application, design, and analysis. Prerequisites: Grade of C or better in IT 375. Major or minor only or consent of the school advisor.

377 PRACTICAL TELECOMMUNICATIONS NETWORKING**3 sem. hrs.**

Design, configure, operate and use local area networks, network applications, and wide area network concepts. Emphasizes hands-on use of a network operating system. Prerequisites: Grade of C or better in IT 375. Major or minor only or consent of the school advisor.

378 DATABASE PROCESSING**3 sem. hrs.**

Database concepts, emphasis on relational databases, SQL, data modeling, database design, DBMS functions, database application programming, current trends, design project. Prerequisites: Grade of C or better in IT 261. Major or minor only or consent of the school advisor.

379 TELECOMMUNICATIONS NETWORK OPERATIONS AND MANAGEMENT**3 sem. hrs.**

Overview of process of operating and managing large scale telecommunications networks; capstone course for Telecommunications Management major. Prerequisites: Grade of C or better in IT 262, 377; ECO 235; MQM 220. Major or minor only or consent of the school advisor.

380 WIRELESS COMMUNICATION SYSTEMS**3 sem. hrs.**

The theory and practice of wireless telecommunications systems. Emphasis is on application, design, and analysis of wireless systems. Prerequisites: Grade of C or better in IT 375. Major or minor only or consent of the school advisor.

381 NETWORK DESIGN AND ANALYSIS**3 sem. hrs.**

Analyze user internetworking requirements; design and implement a network infrastructure that can meet the user requirements. Prerequisites: Grade of C or better in IT 373 and 377 or consent of the school advisor.

382 DISTRIBUTED SYSTEMS**3 sem. hrs.**

Overview of distributed systems including system architectures, models, distributed operating systems, distributed algorithms, distributed databases, distributed objects, issues and trends. Offered alternate years. Prerequisites: Grade of C or better in IT 179, 225 and 261. Major or minor only or consent of the school advisor.

120 Information Technology

383 PRINCIPLES OF OPERATING SYSTEMS

3 sem. hrs.

Functional criteria for operating system design. Job management, task management, data management, resource allocation and dump and trace facilities. Prerequisites: Grade of C or better in IT 225 and 226. Major or minor only or consent of the school advisor.

385 TOPICS IN COMPUTER SCIENCE

3 sem. hrs.

In-depth study of a topic such as compiler design, artificial intelligence, programming language and digital logic design. May be repeated if content different. Offered alternate years. Prerequisites: Major or minor only or consent of the school advisor. Prerequisites vary with topic chosen.

385A11 LAN SECURITY

3 sem. hrs.

This course will teach students practical aspects of LAN security. Prerequisite: Consent of school advisor.

385A14 GAME DEVELOPMENT

3 sem. hrs.

Introduction to game development from a programming perspective. Prerequisite: IT 279.

385A15 MACHINE LEARNING

3 sem. hrs.

Survey of machine learning, including statistical, connectionist, and rule-based approaches to supervised, unsupervised, and semi-supervised settings. Prerequisite: IT 279.

385A16 ENTERPRISE RECOURSE PLANNING

3 sem. hrs.

This course provides students with a comprehensive evaluation of Enterprise Resource Planning (ERP) from managerial and technical aspects. Prerequisites: Major or minor only or consent of the department advisor. A grade of C or better in IT 261 and COM 223 or consent of the graduate advisor.

388 INTRODUCTION TO PARALLEL PROCESSING

3 sem. hrs.

Study of parallel processors and their software environments. Students will write programs for several parallel computers. Offered alternate years. Prerequisites: Grade of C or better in IT 225; concurrent registration in IT 279. Major or minor only or consent of the school advisor.

391 DIRECTED PROJECT IN INFORMATION TECHNOLOGY

1-6 sem. hrs.

Team design and/or implementation of a modest-sized computer-based system in a *live* environment under faculty supervision. May be repeated; maximum 16 hours combined credit in IT 298, 391 and 398. Prerequisites: A minimum of 90 hours completed and a grade of C or better in IT 191 and 377 or 378 or 383. Major only.

392 ENTERPRISE SYSTEMS INTEGRATION AND APPLICATION DEVELOPMENT

3 sem. hrs.

Capstone course including business applications, systems integration, enterprise business decisions, systems administration, and the systems deployment life cycle. Prerequisites: Grade of C or better in IT 332 and 378. Major or minor only or consent of the school advisor.

398 PROFESSIONAL PRACTICE: IN INFORMATION TECHNOLOGY

1-6 sem. hrs.

Maximum 16 hours credit in Professional Practice. Prerequisites: Grade of C or better in IT 191. By application and prior approval of IT Professional Practice Advisor only. Major only.

398A50 PROFESSIONAL PRACTICE: COOP I IN INFORMATION TECHNOLOGY

1-6 sem. hrs.

May be repeated; maximum 6 hours. Prerequisite: Major only.

398A60 PROFESSIONAL PRACTICE: COOP II IN INFORMATION TECHNOLOGY

1-8 sem. hrs.

CR/NC basis only. May be repeated. Prerequisites: Concurrent registration in IT 398A50. Major only.

KINESIOLOGY AND RECREATION (KNR) 512

250 McCormick, (309) 438-8661
Web address: KinRec.IllinoisState.edu

Director: Dan Elkins.

Tenured/Tenure-track Faculty:

Professors: Amorose, Beggs, Brown, Elkins, Garrahy, Hurd, Lacy, Lagally, Laudner, McLoda, Schlatter, Thomas.

Associate Professors: Coleman, Henninger, Laurson, Smith, Torry, Williams.

Assistant Professors: Achen, Andre, Begalle, Mainieri, Pierce, Selkow, Warren.

General School Information

Admission/Retention Requirements:

A student may be admitted to the Athletic Training Major, Exercise Science Major, Physical Education Teacher Education Major or the Recreation and Park Administration Major as a new freshman, as a transfer student, or as a change of major at Illinois State University. New freshmen who meet the University's admission standards may elect to become a major in the School of Kinesiology and Recreation. GPA requirements for transfer student admissions are the same as the Change of Major (within Illinois State).

Retention of students will be determined by the student's cumulative GPA and other specified criteria required for the major. All courses required in each major must be completed with a grade of C or better.

HONORS IN KINESIOLOGY AND RECREATION

Majors in the School of Kinesiology and Recreation with superior academic records are invited to apply for admission to the School Honors Program. The program provides an opportunity for a scholastically gifted student to pursue personal interests through an independent honors project. Students successfully completing the Honors Program will receive the designation of Honors in Kinesiology and Recreation upon graduation. The student's official academic transcript and diploma will be so noted.

Admission Requirements:

- Be a declared Athletic Training, Physical Education Teacher Education, Exercise Science, or Recreation and Park Administration major with at least 30 and not more than 90 hours of course work completed, including at least 6 hours of KNR courses.
- Have a minimum 3.30 overall GPA.
- Submit an application form to the School of Kinesiology and Recreation Honors advisor.

Honors Program Requirements:

- Fulfill the general requirements for participation in the University Honors Program.
- Successfully complete a minimum of 3 hours of

- School of Kinesiology and Recreation Honors courses.
- Successfully complete KNR 295: Honors Seminar.
- Initiate and complete a research project in KNR 299: Honors Independent Study (variable, 3-6 hours) under the direction of a faculty mentor in the student's major/sequence.
- Maintain a minimum 3.30 overall GPA.

Further details about the University Honors program are available at Honors.IllinoisState.edu.

PROFESSIONAL PRACTICE/STUDENT TEACHING

Internship and cooperative education experiences are available at all levels in Athletic Training (298, 398), Exercise Science (298, 398), and in Recreation and Park Administration (298, 398). Students may earn from 1-16 hours. No more than 16 hours may be applied toward graduation. Professional Practice experiences are supervised work experiences in businesses, agencies, organizations, and institutions and are either paid or unpaid. For further information, contact the Professional Practice coordinator in your major.

Student Teaching in Physical Education requires being accepted into the Teacher Education program at Illinois State University. Students are placed in schools with physical education cooperating teachers at the elementary, middle school, and/or secondary school levels as required for teacher licensure. Student teachers are supervised by Physical Education faculty supervisors. The Physical Education Student Teaching Coordinator arranges for all student teaching placements.

Athletic Training Program

Degree Offered: B.S.

MAJOR IN ATHLETIC TRAINING

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview and written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors, KinRec.IllinoisState.edu/at, or contact the undergraduate advisor for the intended major.

Admission to Athletic Training Program:

All students planning to become a certified athletic trainer must apply for and be admitted to the Athletic Training Program (AT) Clinical Instruction Practicum. Completed applications are accepted only during the fall semester and must be received on or before November 30. Transfer students must also apply to the AT Clinical

Instruction Practicum and will be evaluated individually based on previous course work and stated criteria. Current application deadlines are posted on the athletic training home page and announced in KNR 188. Eligibility to apply for admission to the AT Clinical Instruction Practicum will be determined by the Director of the Athletic Training Program. Applicants compete for available spaces in the program. The following qualifications must be met to be considered for admission into the program.

1. Fulfill university requirements up to the time of application to the AT Clinical Instruction Practicum.
2. Completion of prerequisite course work with a grade of C or better in KNR 181, 188.
3. Overall GPA of 2.70 or higher and major GPA of 2.70 or higher.
4. Completed application for admittance to the AT Clinical Instruction Practicum.

Students successful in the four previous criteria are then considered for acceptance into the clinical portion of the program. Placement is limited by the number of clinical sites and availability of approved clinical instructors. Highest priority will be given to the most qualified applicants based on the following criteria:

- overall and major grade point average
- grades in requisite courses
- quality of written essay submitted with application
- performance evaluations of observation hours from clinical instructors
- score on an athletic training general knowledge examination
- two written recommendations from qualified individuals
- completion of an interview with members of the athletic training faculty

The selection process results in one of the following student classifications:

- a. full acceptance to the clinical portion of the program
- b. qualified, but placed on a wait list
- c. not qualified, not accepted

Athletic Training Program Curriculum:

- 60 major hours that include:
- 54 hours in KNR as follows:
- 15 hours in foundation courses: KNR 181, 182, 257, 280, 282.
- 34 hours in athletic training core courses: KNR 188, 252, 284, 288, 298A11, 298A12, 298A13, 298A14, 298A15, 334, 335, 361, 362, 363, 387, 388.
- 5 hours (minimum) in KNR 398A12.
- 6 hours of interdisciplinary courses: FCS 102; HSC 105.

Standards for Progress in the Major:

Once admitted to the AT Clinical Instruction Practicum, the student will begin clinical work in athletic training at sites affiliated with Illinois State University, and must maintain the following requirements:

1. A minimum cumulative and major GPA of 2.70.
2. A student falling below the required GPA will be placed on probation for one semester. If after one semester, the 2.70 GPA has not been re-established, the student will be dropped from the AT Clinical Instruction Practicum and advised to change majors.
3. The student must earn a grade of C or better on each clinical site supervisor evaluation. A student earning less than a grade of C will not be permitted to count the hours completed during the affected clinical rotation toward AT requirements.
4. The student must adhere to the latest published version of the Athletic Training Program Handbook maintained on the Program website. The student is hereby informed of reasonable monetary costs associated with the AT including the purchase of uniform clothing to be worn during assigned clinical rotations.
5. In keeping with the University requirements regarding hepatitis-B (HBV) immunizations, clinical students in the AT shall be immunized against this disease. Additionally students admitted to the Clinical Instruction Practicum must submit complete documentation of a current physical examination from an approved (MD or DO) licensed physician.
6. The student is responsible for maintaining standards and expectations of the AT. Failure to do so will result in written notification and reprimand including possible dismissal from the AT.
7. A student who has not been retained in the AT Clinical Instruction Practicum may reapply for admission during the next available application period upon the advisement of the Director of the Athletic Training Program.

Certification and Licensure:

Completion of the Athletic Training program of study including 1200 supervised clinical hours and certification in first aid and Emergency Cardiac Care is designed to permit the student to apply to take the Board of Certification (BOC) examination and to apply for Illinois licensure as an athletic trainer. However, accreditation and licensure requirements are subject to change so the student is strongly advised to obtain notification of the latest requirements for BOC certification and Illinois licensure from the respective governing organizations and from the Director of the Athletic Training Program.

Exercise Science Program

Degree Offered: B.S.

MAJOR IN EXERCISE SCIENCE

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For

additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Exercise Science Program of Study:

- 55 total hours are required.
- 20 hours in core courses: KNR 181, 182, 240, 254, 257, 280, 282.
- 23 hours in major courses: KNR 164, 298A10, 303, 307, 309, 311, 313, and one of KNR 286, 305, 310, or 353.
- 12 hours from either of the following options:
Option 1: KNR 378A10 and 10 hours in KNR 398A11.
Option 2 (requires program approval): 12 hours of advanced studies from the following list of courses, or others approved by exercise science faculty: KNR 287, 299, 305, 306, 320, 342, 345, 352, 353, 361, 381, KNR/HSC/FCS 394.

Standards for Progress in the Major:

Once admitted to the Exercise Science major, the student must maintain a minimum 2.50 cumulative GPA. A student falling below the required 2.50 GPA will be placed on probation for one semester. If after one semester the 2.50 GPA has not been re-established, the student will be dropped from the Exercise Science major. A student who has been thus dropped from the Exercise Science major may reapply for admission to the major after raising his or her GPA to the required standard. The student who is not readmitted after one semester of probation and has a minimum 2.00 GPA will have the option of entering the Kinesiology Studies Sequence.

A student must have a minimum 2.50 cumulative GPA and have completed all major courses with a grade of C or better to participate in the senior internship (KNR 398A11 Professional Practice: Internship in Exercise Science). Students seeking to take Option 2 (12 hours of advanced coursework in lieu of KNR 378A10 and KNR 398A11) must apply for approval of this option at the start of the semester in which they are registered to take KNR 298A10. The application must include a statement as to why the review committee should allow the student entry into this option, and it must also speak to what steps the student has taken to prepare for academic study beyond the B.S. in Exercise Science. Examples of such preparation might include indications of pre-requisites completed, observation hours completed, completion of research statistics or methods courses, applications to graduate or professional schools, etc. Applications for this option will be considered by a committee of Exercise Science faculty.

Credentialing Opportunities:

There is no single professional credential or certification that is necessary to pursue a career in Exercise Science. However, there are a number of optional credentialing opportunities that students are encouraged to examine. Coursework in this major is focused on the content areas

needed for certification preparation by several organizations in this professional field of study. Students graduating in this major can strengthen their professional credentials by pursuing a variety of different certifications offered by organizations such as the American College of Sports Medicine and the National Strength and Conditioning Association. Students interested in learning more about these recommended certification options should consult the Exercise Science Program Director in the School of Kinesiology and Recreation for further information.

MINOR IN EXERCISE SCIENCE

- 25 total hours required.
- 11 hours in core courses: KNR 181, 182, 240, 280.
- 11 hours in sequence courses: KNR 298A10, 307, 309, and one of KNR 311 or 313.
- 3 hours minimum selected from the following: KNR 282, 286, 303, 310.

NOTE: The Exercise Science Minor is not available to majors in the Kinesiology program of study.

Physical Education Program

Degrees Offered: B.S., B.S. in Education

MAJOR IN PHYSICAL EDUCATION

The Physical Education program consists of two sequences. The Physical Education Teacher Education Sequence requires a minimum cumulative GPA of 2.50 for admission and retention. The Kinesiology Studies Sequence requires a minimum cumulative GPA of 2.00 for admission and retention. All physical education major courses must be completed with a grade of C or better.

Kinesiology Studies Sequence (B.S.):

A student has the opportunity to select from a series of Physical Education courses to develop a plan of study. Students in the Kinesiology Studies Sequence must have earned a minimum cumulative 2.00 GPA.

Kinesiology Studies Sequence Program of Study:

- 40 hours required.
- 26 hours in core courses: KNR 160, 181, 182, 240, 254, 257, 280, 282. Select 3 additional KNR hours.
- 14 additional hours from within the Physical Education Program are required for majors not selecting a specialized sequence. A minimum of 8 hours of upper-division courses are required, 6 hours of which must be at the 300-level.
- A second major or minor, or an individualized program by advisement, is recommended.
- Graduation requirements: all required Physical Education courses must be completed with a grade of C or better.

Standards for Progress in the Major:

After being officially admitted to the Kinesiology Studies Sequence, the student must maintain a minimum cumulative 2.00 GPA.

Physical Education Teacher Education Sequence (PETE) (B.S. in Ed.):

The PETE program for undergraduate majors leads to a professional educator license with K-12 endorsement. All PETE majors planning on becoming licensed teachers must apply for and be admitted to the University's Teacher Education Program (see University-Wide Teacher Education Program section of this *Undergraduate Catalog*).

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Upon acceptance into the PETE program, the teacher candidate must maintain a minimum cumulative and minimum major GPA of 2.50 throughout their undergraduate program. Once accepted, the teacher candidate must meet all teacher education requirements, including, but not limited to "Standards for Progress in the Physical Education Teacher Education Major." The New Transfer student must have passed all sections of the Test of Academic Proficiency (TAP) prior to registering for additional coursework in the PETE program after the initial semester.

Any Internal Transfer student wishing to become a PETE major must apply to the PETE Program at Illinois State University. Current application deadlines and forms can be found at IllinoisState.edu/Majors.

Once an applicant is accepted into the PETE Program, the teacher candidate must:

- (1) maintain a minimum cumulative GPA of 2.50 and a minimum major GPA of 2.50 each semester;
- (2) complete a projected program plan for graduation with the academic advisor for PETE; and
- (3) be admitted to Professional Studies through the College of Education.

Physical Education Teacher Education Sequence Program of Study Leading to a K-12 Special Licensure:

- 76 total hours required.
- 50 hours in the following core and sequence courses required:
 - 15 hours in core courses: KNR 181, 182, 254, 280, 282.
 - 35 hours in sequence courses: KNR 156, 158, 221, 225,

242, 244, 245, 246, 247, 341, 364, 383, 391.

- 26 hours in Professional Education requirements: EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219; STT 399A74 (6 semester hours), 399A75 (6 semester hours).

Standards for Progress in the Major:

Standards for Progress in the PETE Major:

1. To progress through the program in a timely manner, the teacher candidate must continuously maintain a minimum cumulative 2.50 GPA and a minimum major 2.50 GPA to remain academically eligible.
2. A teacher candidate falling below the minimum GPA, cumulative or major, will be placed on academic probation within the School of Kinesiology and Recreation for one semester. If after one semester the 2.50 cumulative and/or major GPA has not been reestablished, the teacher candidate will be removed from the PETE Program. A student who is not readmitted after one semester of probation, but has a minimum 2.00 GPA, will have the choice to enter the Physical Education (general) Sequence or select another major on campus.
3. The student may submit an application to the program after re-establishing the minimum academic requirements. Acceptance into the program is competitive (Please see Admission Requirements for New and Continuing Students).
4. A student who has not been retained in the PETE program may appeal for reconsideration to the Physical Education Teacher Education Selection and Retention Committee, providing evidence as to why re-admittance to the program should be considered.

MINOR IN ATHLETIC COACHING

Students wishing to minor in Athletic Coaching must apply through the School of Kinesiology and Recreation on My.IllinoisState.edu in February. The number of students admitted to the minor each year is limited and highest priority will be given to the most qualified applicants.

- Minimum of 20 hours in Kinesiology and Recreation required.
- Required courses (minimum of 8 hours): KNR 205, 207; and one from the following courses: KNR 180, 260.
- Elective courses (12 hours): KNR 254, 257, 306, 317, 320, 382.

Certification Opportunity:

Students have the opportunity to qualify for the coaching certification.

Recreation and Park Administration Program

Degree Offered: B.S.

Students may obtain advising material related to Recreation and Park Administration (RPA) in the School's main office. The Kinesiology and Recreation academic advisor

will assist students with planning and completing an academic plan of study. All major courses in RPA must be completed with a grade of C or better.

MAJOR IN RECREATION AND PARK ADMINISTRATION

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: cumulative GPA, hours completed, and written responses on the application. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Standards for Progress in the Major:

A student must have a minimum 2.00 cumulative GPA and have completed all required courses with a grade of C or better.

Recreation Management Sequence:

- 52 total hours required.
- 40 hours in core courses: KNR 170, 171, 270, 271, 275, 298A30, 298A36, 370, 376, 380, 398A30, 398A36.
- 9 hours in sequence courses: KNR 374, 378A30, 382.
- 3 hours of courses selected from: KNR 351, 354, 371, and 381.

Certification Opportunity:

Students graduating from this program are immediately eligible to sit for the examination to become a Certified Leisure Professional.

Therapeutic Recreation Sequence:

- 70 total hours required.
- 40 hours in core courses: KNR 170, 171, 270, 271, 275, 298A30, 298A36, 370, 376, 380, 398A30, 398A36.
- 15 hours in sequence courses: KNR 253, 273, 278, 279, 365.
- 15 hours in interdisciplinary courses: HSC 105; KNR 181 or BSC 181; PSY 213, 350; 3 hours selected from approved health and human services and/or disability related courses.

Certification Opportunity:

Students graduating from the Therapeutic Recreation Sequence who have met all the National Council for Therapeutic Recreation Certification (NCTRC) requirements (major and recommended courses including an approved internship) should be eligible to apply to sit for the examination to become a Certified Therapeutic Recreation Specialist. Certification requirements are subject to change so students are strongly advised to obtain the latest certification requirements from NCTRC.

MINOR IN RECREATION AND PARK ADMINISTRATION

- 24 hours required.
- Required courses: KNR 170, 171, 270, 271, 370, 376, 380.
- 3 hours of courses selected from: KNR 275, 351, 354, 371, 374, 382.

Kinesiology Courses

Some sections of these courses may be restricted to School of Kinesiology and Recreation majors.

105 BADMINTON I

1 sem. hr.

Introduction to the basic strokes and strategies of badminton. Tournament play in singles and/or doubles. Materials charge optional.

106A02 BASKETBALL II

1 sem. hr.

Development of intermediate and advanced skills and strategies of basketball.

108 BILLIARDS I

1 sem. hr.

Basic shooting techniques with focus on stance, bridge and cue ball contact. Experience in games of Basic Pocket Billiards, Rotation and Eight Ball. Materials charge optional.

112 BOWLING I

1 sem. hr.

Development of basic skills and knowledge for the beginning bowler. Materials charge optional.

113 PERSONAL FITNESS

3 sem. hrs.

The development of a personalized, comprehensive fitness program based on knowledge and understanding of the specific effects of exercise. Materials charge optional. Lecture and lab. Not for credit School of Kinesiology and Recreation major.

114 MACHINE WEIGHT TRAINING

1 sem. hr.

Basic techniques and knowledge necessary to increase muscular fitness through the use of resistive isotonic exercise equipment. Formerly *NAUTILUS CONDITIONING*. Not for credit if had KNR 285 or 313.

116 FITNESS WALKING, JOGGING, AND RUNNING

1 sem. hr.

Knowledge and techniques of walking, jogging, and running as modes for developing and/or maintaining appropriate levels of health-related physical fitness.

119 GOLF I

1 sem. hr.

A basic course in golf designed for the beginner or high handicap golfer. Materials charge optional.

125 INDOOR GROUP CYCLING**1 sem. hr.**

Introduction to indoor cycling using stationery bicycles to help improve cardiovascular fitness.

126 AEROBICS**1 sem. hr.**

Introduction to aerobics designed to develop and improve strength, flexibility, and cardiovascular endurance.

127 SWIMMING I**1 sem. hr.**

For the fearful or non-swimmer with no aquatic skills. Instruction in adjustment experiences, basic techniques of safety, survival, and propulsion. Materials charge optional.

127A10 AQUATIC FITNESS**1 sem. hr.**

Shallow water aerobic exercise and/or lap swimming programs to develop and maintain physical fitness. Ability to swim not required.

133 SELECTED ACTIVITIES**1 sem. hr.**

Selected beginning and/or intermediate activities offered as experimental programs. Material charge optional.

136 VOLLEYBALL I**1 sem. hr.**

Basic skills, rules, and strategies involved in the game of volleyball, and application in tournament play.

137 SOCCER**1 sem. hr.**

Basic skills, rules, and strategies necessary for game play. Fundamentals emphasized with application in competitive play.

138 SLOW PITCH SOFTBALL**1 sem. hr.**

Basic skills and knowledge of slow pitch softball.

140 TOUCH RUGBY**1 sem. hr.**

Basic skills, rules, and strategies necessary for game play. Fundamentals emphasized with application in competitive play.

142 TENNIS I**1 sem. hr.**

Basic skills, rules, and strategies involved in the game of tennis, and application in tournament play. Materials charge optional.

146 MILITARY PHYSICAL CONDITIONING**1 sem. hr.**

Practical experience in the structure, techniques, and conduct of military physical conditioning to develop total fitness and leadership ability. May be repeated; maximum 4 hours.

147 WEIGHT TRAINING**1 sem. hr.**

Basic knowledge and concepts of resistive exercises to increase muscular strength and endurance. Participation in an individual weight program. Not for credit if had KNR 285 or 313.

148 CARDIO WEIGHT TRAINING**1 sem. hr.**

Introduction to cardio and weight training exercise using steps and barbells to improve cardiovascular endurance and muscular health. Formerly KNR 189A33.

156 INTRODUCTION TO PHYSICAL EDUCATION: TEACHER EDUCATION**2 sem. hrs.**

Identification of foundational concepts in physical education, including historical and philosophical orientation, sub-disciplinary movements, career development, and physical education issues. Prerequisite: Major or minor only.

158 INSTRUCTIONAL STRATEGIES IN PHYSICAL EDUCATION**3 sem. hrs.**

Introduction to planning and teaching physical education. Includes lesson planning, practice of teaching skills through micro teaching, peer teaching, analysis of teaching. Includes Clinical Experience: 20 hours.

164 INTRODUCTION TO EXERCISE SCIENCE**3 sem. hrs.**

Foundations of exercise science, including history and philosophy, careers, professional organizations, certifications, sub-disciplines, research methods, and professional issues. Prerequisite: Major or minor only.

180 FIRST AID AND CPR**2 sem. hrs.**

First Aid, cardiopulmonary resuscitation, and automated external defibrillation for accidents and sudden illnesses. Materials charge optional.

181 HUMAN ANATOMY AND PHYSIOLOGY I**3 sem. hrs.**

Gross structure and physiology of the human body with emphasis on integument, connective tissues, musculoskeletal, nervous and endocrine systems. Lecture.

182 HUMAN ANATOMY AND PHYSIOLOGY II**3 sem. hrs.**

Emphasis on the nervous, circulatory, respiratory, and digestive systems.

183 HUMAN ANATOMY AND PHYSIOLOGY LABORATORY I**1 sem. hr.**

An interactive laboratory experience that provides basic and applied knowledge to enhance students' understanding of the human body. Materials charge optional Prerequisite: Concurrent registration in KNR 181.

184 HUMAN ANATOMY AND PHYSIOLOGY LABORATORY II**1 sem. hr.**

Application and analysis of the circulatory, respiratory, digestive, urinary, and reproductive systems in an interactive laboratory. Materials charge optional. Prerequisite: Concurrent registration in KNR 182.

188 INTRODUCTION TO ATHLETIC TRAINING**2 sem. hrs.**

Introduction to the field of athletic training through classroom instruction and observation of clinical practice. Prerequisite: A minimum of 30 hours completed.

205 SCIENTIFIC PRINCIPLES OF COACHING**3 sem. hrs.**

Introduction to scientific principles that constitute the basis for sound athletic coaching practices. Prerequisites: Major or minor only. A minimum of 30 hours completed.

207 FOUNDATIONS FOR SUCCESSFUL COACHING**3 sem. hrs.**

Theory and applications of coaching concepts for the interscholastic and youth sport coach. Coaching certification available. Prerequisite: KNR 205.

208 DYNAMICS OF UNITED STATES CONTEMPORARY HEALTH ISSUES SMT**3 sem. hrs.**

Exploration and analysis of current health and lifestyle issues. Emphasis on how individuals, communities and society make health decisions. Also offered as FCS/HSC 208. Prerequisites: COM 110 and ENG 101.

221 TEACHING ELEMENTARY PHYSICAL EDUCATION**3 sem. hrs.**

Methods of teaching elementary physical education; observations and teaching experiences in schools; laboratory sessions on developmentally appropriate physical education. Includes Clinical Experience: 20 hours. Formerly *ELEMENTARY PHYSICAL EDUCATION CURRICULUM*. Not for credit if had KNR 358. Prerequisites: Major only. KNR 158, 225, 245, 246.

222 PHYSICAL EDUCATION FOR ELEMENTARY CLASSROOM TEACHER**2 sem. hrs.**

Factors essential to program planning in physical education grades one through six. Types and progression of activities; methods and techniques of class organization. Observations of children and laboratory sessions in activities. Not for credit major. Includes Clinical Experience. Prerequisite: A minimum of 30 hours completed.

225 MOTOR DEVELOPMENT**3 sem. hrs.**

Study of changes in motor behavior across the lifespan, factors affecting motor development and implications for life-long physical activity. Includes Clinical Experience: 6 hours. Prerequisites: KNR 158. Major or minor only. All sections of State of Illinois Test of Academic Proficiency (TAP) passed.

240 PRINCIPLES AND APPLICATIONS OF FIELD-BASED ASSESSMENT**2 sem. hrs.**

Applied aspects of field-based fitness assessment, including test selection, implementation, and analysis. Materials charge optional. Prerequisites: Major or minor only. KNR 181 and 182; KNR 280 or concurrent registration.

242 SECONDARY METHODS AND PRACTICES IN PHYSICAL EDUCATION**3 sem. hrs.**

Development and administration of secondary physical education programs. Planning and teaching physical education activities at the secondary level. Includes Clinical Experience: 20 hours. Materials charge optional. Prerequisites: KNR 158, 221, 244, 247. Admission to Professional Studies.

244 TEACHING TEAM SPORTS**3 sem. hrs.**

Development of content knowledge and teaching skills of various team sports. Emphasis on teaching progressions, management, assessment, strategies, and tournaments. Materials charge optional. Prerequisites: Major or minor only. KNR 158, 225.

245 TEACHING INDIVIDUAL/DUAL SPORTS AND ACTIVITIES**3 sem. hrs.**

Content knowledge and teaching skills and various individual sports and activities. Emphasis on teaching progressions, management, assessment, and strategies. Materials charge optional. Prerequisites: Major or minor only. KNR 158.

246 TEACHING DANCE AND TUMBLING/GYMNASTICS FORMS**2 sem. hrs.**

Fundamental skills and concepts of dance and tumbling/gymnastics. Safety procedures, skill development, instructional strategies, and assessment are included. Prerequisites: Major or minor only. KNR 158.

247 PROMOTING PHYSICAL ACTIVITY AND FITNESS IN PHYSICAL EDUCATION**3 sem. hrs.**

Current activity levels/fitness of youth, promotion of lifetime physical activity, evaluative procedures, and implementing fitness activities into the curriculum. Materials charge optional. Prerequisites: Major or minor only. KNR 158, 225.

252 EMERGENCY ASPECTS OF ATHLETIC INJURIES**3 sem. hrs.**

Emergency planning, prevention, and care for athletics. Materials charge optional. Prerequisite: KNR 298A11 or concurrent registration.

254 SOCIO-PSYCHOLOGICAL PERSPECTIVES IN PHYSICAL ACTIVITY**3 sem. hrs.**

Survey of cultural, philosophical, social and psychological factors influencing the nature, evolution and maintenance of informal and formal physical activities. Prerequisite: Major or minor only or consent of the instructor.

257 MOTOR LEARNING AND PERFORMANCE**3 sem. hrs.**

Study of processes involved in acquiring and perfecting motor skills and effects of aging on acquisition of those skills. Prerequisite: Major or minor only or consent of the instructor.

260 ATHLETIC INJURY CONCEPTS FOR COACHES**3 sem. hrs.**

An introductory course for coaches, with emphasis on the prevention and care of athletic injuries. Prerequisites: KNR 207 or concurrent registration; a minimum of 30 hours completed.

280 EXERCISE PHYSIOLOGY**3 sem. hrs.**

Application of human anatomy and physiology to the understanding of physical education. Effects of exercise on body systems and performance. Materials charge optional. Prerequisites: Major or minor only. KNR 181 and 182; KNR 240 concurrent registration.

282 BIOMECHANICS OF HUMAN MOVEMENT**3 sem. hrs.**

Study of human movement based on principles of anatomy and mechanics of motion. Lecture and lab. Materials charge optional. Prerequisites: KNR 181 or BSC 181; PHY 105 or 108.

284 PREVENTION AND CARE OF ATHLETIC INJURIES**3 sem. hrs.**

An introductory course, with emphasis on the prevention and care of athletic injuries. Prerequisites: KNR 181 or consent of the instructor. Major or minor only.

286 LEADING EXERCISE SESSIONS IN THE FITNESS SETTING**3 sem. hrs.**

Development of leadership skills and knowledge necessary for design and application of group exercise sessions. Formerly *GROUP EXERCISE INSTRUCTIONAL METHODS*. Prerequisites: Major or minor only. KNR 240, 280.

288 THERAPEUTIC MODALITIES**3 sem. hrs.**

An investigation of the theoretical, technological, and physiological basis of therapeutic modalities in athletic training. Prerequisites: KNR 181, 182, 188 or consent of the instructor.

295 HONORS SEMINAR**1 sem. hr.**

Introduction to independent Honors study; identification and definition of problems; selected methods for problem solving; use of library resources.

298A10 PROFESSIONAL PRACTICE: PRACTICUM IN EXERCISE SCIENCE**2 sem. hrs.**

Application of knowledge and skills in professional settings for Exercise Science. Fifty out-of-class hours required. Prerequisites: Major or minor only. KNR 164, 240, 280 or consent of the instructor. A minimum of 60 hours completed.

298A11 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES I**1 sem. hr.**

Supervised instruction and practice of skills and competencies for the beginning (Level 1) athletic training student. Materials charge optional. Prerequisites: KNR 188, 188A01 and admittance to the Athletic Training Education Program-Clinical Instruction Practicum.

298A12 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES II**1 sem. hr.**

Supervised instruction and practice of clinical skills and competencies for the progressing (Level 2) athletic training student. Materials charge optional. Prerequisite: KNR 298A11 or consent of the instructor.

298A13 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES III**1 sem. hr.**

Supervised instruction and practice of clinical skills and competencies for the intermediate (Level 3) athletic training student. Materials charge optional. Prerequisite: KNR 298A12 or consent of the instructor.

298A14 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES IV**1 sem. hr.**

Supervised instruction and practice of clinical skills and competencies for the advanced (Level 4) athletic training student. Materials charge optional. Prerequisite: KNR 298A13 or consent of the instructor.

298A15 PROFESSIONAL PRACTICE: ATHLETIC TRAINING CLINICAL COMPETENCIES V**1 sem. hr.**

Supervised instruction and practice of clinical skills and competencies for the advanced (Level 5) athletic training student. Materials charge optional. Prerequisite: KNR 298A14 or consent of the instructor.

303 EXERCISE PSYCHOLOGY**3 sem. hrs.**

Theory and application of social-psychological principles to leisure-time physical activity. Prerequisites: Major or minor only. A minimum of 60 hours completed or consent of the instructor.

305 BIOMECHANICS OF EXERCISE AND PHYSICAL ACTIVITY**3 sem. hrs.**

Analysis of exercise and physical activity based on principles of anatomy and mechanics of motion. Materials charge optional. Prerequisites: Major or minor only. KNR 164 and 282 or consent of the instructor.

306 PSYCHOLOGY OF SPORT**3 sem. hrs.**

Psychological principles and concepts applied to sport situations and to individuals involved with sport activities. Prerequisite: Major or minor only or consent of the instructor.

307 EXERCISE IN HEALTH AND DISEASE**3 sem. hrs.**

Application of exercise physiology principles to evaluate the extent to which common disease processes limit body function and exercise performance. Materials charge optional. Prerequisites: Major or minor only. KNR 164, 240, and 280.

309 PRINCIPLES AND TECHNIQUES OF PHYSIOLOGICAL TESTING**3 sem. hrs.**

Application of various laboratory exercise testing modalities for evaluating human physiological function. Materials charge optional. Prerequisites: Major or minor only. KNR 164, 240 and 280; KNR 308 concurrent registration.

310 FITNESS MANAGEMENT**3 sem. hrs.**

Theories of organization and principles of management applied to fitness programs in the commercial, community, medical, and worksite settings. Prerequisites: Major or minor only. KNR 164, 298A10 or consent of the instructor.

311 EXERCISE PROGRAMMING FOR CARDIOVASCULAR AND METABOLIC FITNESS**3 sem. hrs.**

Development of skills and knowledge necessary for designing cardiovascular and metabolic exercise programs for all populations. Not for credit if had KNR 308. Materials charge optional. Prerequisites: Major or minor only. KNR 307 and 309.

313 EXERCISE PROGRAMMING FOR NEUROMUSCULAR FITNESS

3 sem. hrs.

Development of skills and knowledge necessary for designing neuromuscular exercise programs for all populations. Not for credit if had KNR 285 or 308. Materials charge optional. Prerequisites: Major or minor only. KNR 307 and 309.

317 SOCIOLOGY OF SPORT

3 sem. hrs.

The social institution of sport is examined using such sociological concepts as social organization, culture, socialization, deviance, social stratification, minority groups and collective behavior. Also offered as SOC 317.

320 DEVELOPMENT ASPECTS OF YOUTH SPORT

3 sem. hrs.

Effects of sport and competitive activities on the biophysical and psychosocial development of young people. Prerequisite: Major or minor only or consent of the instructor.

334 THERAPEUTIC EXERCISE

4 sem. hrs.

Essential components of a comprehensive rehabilitation program including goals, exercise selection, progression, evaluation, and criteria for return to competition. Lecture and lab. Prerequisite: KNR 288 or consent of the instructor.

334A01 THERAPEUTIC EXERCISE LAB

2 sem. hrs.

Application of the knowledge and skills needed of an athletic trainer during the rehabilitation of the physically active. Prerequisites: KNR 288 or consent of the instructor. Concurrent registration with KNR 334.

335 ADMINISTRATION OF ATHLETIC TRAINING

2 sem. hrs.

Theory and application in athletic training programs including pre-participation physical examinations, budget management, medical records, and legal aspects of sports medicine. Prerequisites: KNR 188, 284, or consent of the instructor.

341 ASSESSMENT IN PHYSICAL EDUCATION

3 sem. hrs.

Planning and implementation of appropriate assessment strategies in physical fitness, motor skills, cognitive achievement, and the affective areas in K-12 physical education. Prerequisites: KNR 158, 221, 225, 242 or concurrent registration.

342 OCCUPATIONAL BIOMECHANICS

3 sem. hrs.

Application of biomechanical principles to the solution of problems related to the interaction of the worker with the workplace. Materials charge optional. Prerequisite: KNR 282 or consent of the instructor.

345 ADVANCED FUNCTIONAL ANATOMY

3 sem. hrs.

This course synthesizes anatomy, physiology, and human movement as it relates to sports injury. Prerequisites: KNR 181, 182. A minimum of 60 hours completed or consent of the instructor.

352 QUANTITATIVE ANALYSIS OF BIOMECHANICS

3 sem. hrs.

Amplification of kinematics and kinetics of human movements; introduction to high-speed videography, biomechanics instrumentation and computer analysis. Materials charge optional. Prerequisite: KNR 282 or consent of the instructor.

353 BASIC ELECTROCARDIOGRAPHY AND CLINICAL EXERCISE TESTING

3 sem. hrs.

Theory and application of electrocardiographic analysis in the functional and diagnostic assessment of individuals. Materials charge optional. Prerequisites: KNR 181, 182, 280, or consent of the instructor.

361 PATHOLOGY AND PHARMACOLOGY IN ATHLETIC TRAINING

3 sem. hrs.

Relevant biomedical conditions and afflictions and associated pharmacological interventions for the athletic training student. Materials charge optional. Prerequisites: KNR 181, 182. A minimum of 60 hours completed or consent of the instructor.

362 SEMINAR IN SPORTS MEDICINE I

1 sem. hr.

Orientation to and preparation for the professional practice in athletic training including formal application and placement. Prerequisite: KNR 298A12 concurrent registration.

363 SEMINAR IN SPORTS MEDICINE II

2 sem. hrs.

Synthesis of program content in preparation for the BOC examination and initial employment. Prerequisite: KNR 298A15 concurrent registration.

364 SENIOR SEMINAR IN PHYSICAL EDUCATION TEACHER EDUCATION

3 sem. hrs.

Examination of relevant issues regarding professional development in K-12 physical education: induction, program advocacy, legal issues, and personal reflection. Not for credit if had KNR 358. Prerequisites: Major only; KNR 341 concurrent registration.

378A10 SEMINAR IN PROFESSIONAL PRACTICE FOR EXERCISE SCIENCE

2 sem. hrs.

Orientation to the expectations and problems encountered during professional practice with application and placement in exercise science environments. Prerequisites: Exercise Science major only. KNR 164, 298A10 or consent of the instructor. A minimum of 90 hours completed.

382 LEGAL ASPECTS OF RECREATION AND KINESIOLOGY

3 sem. hrs.

Legal principles applied to recreation and kinesiology settings, with an emphasis on risk management practices. Prerequisites: KNR major or minor only.

383 ADAPTED PHYSICAL EDUCATION

3 sem. hrs.

Study of conditions requiring physical education programs to be adapted to meet the unique needs of students with disabilities. Includes Clinical Experience. 15 hours. Prerequisites: Major or minor only. KNR 158, 221, 225, 247.

130 Kinesiology and Recreation

387 ATHLETIC INJURY ASSESSMENT I

3 sem. hrs.

The advanced study of lower extremity injuries, with emphasis on evaluation. Formerly *EVALUATION OF ATHLETIC INJURIES: LOWER EXTREMITIES*. Prerequisites: KNR 181, 284, or consent of the instructor.

388 ATHLETIC INJURY ASSESSMENT II

3 sem. hrs.

The advanced study of upper extremity and internal injuries with an emphasis on evaluation. Formerly *EVALUATION OF ATHLETIC INJURIES: UPPER EXTREMITIES*. Prerequisites: KNR 181, 284, or consent of the instructor.

391 CREATING POSITIVE LEARNING ENVIRONMENTS IN PHYSICAL EDUCATION

1 sem. hr.

Strategies for developing and implementing effective behavior management plans in physical education programs based on sound education practices. Prerequisites: STT 399A74 and/or 399A75 concurrent registration or consent of the instructor.

394 HEALTH ASPECTS OF AGING

3 sem. hrs.

Characteristics of the aging process and factors influencing adaptation and the quality of living. Also offered as FCS/HSC 394.

398A11 PROFESSIONAL PRACTICE: INTERNSHIP IN EXERCISE SCIENCE

1-14 sem. hrs.

Supervised internship done under the guidance of professionally qualified personnel from business, industry, government, and University faculty. Materials charge optional. Prerequisites: Exercise Science major only. A minimum of 90 hours completed and all graduation requirements met or in progress.

398A12 PROFESSIONAL PRACTICE: INTERNSHIP IN ATHLETIC TRAINING

1-14 sem. hrs.

Internship experience in athletic training under the guidance of a qualified sports medicine professional. Materials charge optional. Prerequisites: AT major only. KNR 298A13 or consent of the instructor; and KNR 362.

Recreation and Park Administration Courses

Some sections of these courses may be restricted to School of Kinesiology and Recreation majors.

170 INTRODUCTION TO LEISURE AND RECREATION

3 sem. hrs.

Nature, scope, and significance of recreation and leisure. Introduction to the professional areas of recreation and leisure delivery systems.

171 RECREATION LEADERSHIP

3 sem. hrs.

Development of activity planning skills, individual leadership skills, and group facilitation methods. Materials charge optional. Prerequisite: KNR 170 or concurrent registration.

175 LEISURE IN SOCIETY

3 sem. hrs.

Introduction of leisure in historical and contemporary perspectives. Relationships between leisure and other societal institutions. Determinants of leisure behavior.

253 TECHNIQUES IN THERAPEUTIC RECREATION

3 sem. hrs.

Theory and application of facilitation techniques and interventions used in therapeutic recreation services. Lecture and lab. Formerly KNR 373 *TECHNIQUES IN THERAPEUTIC RECREATION*. Prerequisites: Majors only. KNR 273.

270 INCLUSIVE RECREATION

3 sem. hrs.

Leadership, assistive techniques/devices and disability issues related to recreation programming for individuals with mental, physical, social and emotional limitations. Formerly *RECREATION FOR PEOPLE WITH DISABILITIES*. Prerequisites: Major or minor only. KNR 271 or concurrent registration.

271 RECREATION PROGRAMMING

3 sem. hrs.

Comprehensive recreation program design including planning, organizing, promoting, and evaluating programs in a variety of leisure service delivery systems. Prerequisites: Major or minor only. KNR 171.

273 INTRODUCTION TO THERAPEUTIC RECREATION

3 sem. hrs.

Foundation concepts of therapeutic recreation including history, philosophy, models, professional issues, and basic program delivery. Prerequisites: Major only. KNR 270 or concurrent registration.

275 PLANNING AND DESIGN OF RECREATION FACILITIES

3 sem. hrs.

Techniques and principles of site planning, design, and development of facilities in parks and recreation settings. Prerequisites: Major or minor only. KNR 271.

278 THERAPEUTIC RECREATION SERVICE DELIVERY

3 sem. hrs.

Design of comprehensive and specific intervention programs used in the delivery of therapeutic recreation services. Prerequisites: Major only. KNR 253 and 279.

279 THERAPEUTIC RECREATION CLIENT DOCUMENTATION

3 sem. hrs.

Focus on systematic and accountable client documentation (assessment, treatment plans, progress notes, discharge/referral summaries) for therapeutic recreation intervention programs. Prerequisites: Major only. KNR 270 and 273.

295 HONORS SEMINAR

1 sem. hr.

Advanced readings and critical discussion of recreation with broad areas of concern in social, philosophical, and scientific bases.

**298A30 PROFESSIONAL PRACTICE:
INTERNSHIP AND COOPERATIVE
EDUCATION IN RECREATION
AND PARK ADMINISTRATION
2 sem. hrs.**

Application of knowledge and skills in recreation programming and/or event planning to practical situations within a leisure service agency. Materials charge optional. Prerequisites: Major in Recreation and Park Administration; KNR 271, 298A36 or concurrent registration; A minimum of 60 hours completed.

**298A31 PROFESSIONAL PRACTICE:
INTERNSHIP AND COOPERATIVE
EDUCATION IN
COMMERCIAL RECREATION
2 sem. hrs.**

Application of knowledge and skills in recreation programming to practical situations within commercial, tourism, or travel recreation delivery systems. May be repeated. Prerequisites: KNR 271 or consent of the instructor. A minimum of 60 hours completed.

**298A36 PROFESSIONAL PRACTICE
PREPARATION SEMINAR IN RECREATION
AND PARK ADMINISTRATION
1 sem. hr.**

Overview and investigation of professional practice preparation. Prerequisites: Major in Recreation and Park Administration; KNR 271 or concurrent registration.

**351 TOURISM AND SPECIAL EVENTS
3 sem. hrs.**

Analysis of concepts and issues in tourism and special events. Prerequisites: Major or minor only. KNR 271 or RPA minor.

**354 CONTEMPORARY ISSUES IN THE
SPORT INDUSTRY
3 sem. hrs.**

Investigation of topics and issues impacting the various segments of the sport industry. Prerequisite: Major or minor only. KNR 271 or RPA minor.

**365 ADVANCED THERAPEUTIC RECREATION
PRACTICES
3 sem. hrs.**

In-depth analysis of disabilities and impact on therapeutic recreation intervention. Materials charge optional. Prerequisites: Major only. KNR 253 and 279.

**370 ADMINISTRATION OF LEISURE
SERVICE ORGANIZATIONS
3 sem. hrs.**

Marketing, and financial accountability in organized recreation and leisure delivery systems. Prerequisites: Major or minor only. KNR 298A30 or RPA Minor.

**371 OUTDOOR RECREATION
3 sem. hrs.**

Overview of outdoor recreation concepts and management principles. Prerequisite: KNR 271.

**374 ADVANCED RECREATION
PROGRAMMING
3 sem. hrs.**

Application of recreation programming principles to a field setting which includes assessment, planning, organizing, implementing and evaluation functions. Fieldwork required. Prerequisites: Major or minor only. KNR 298A30 recommended.

**376 EVALUATING AGENCY SERVICES
3 sem. hrs.**

Use and methods of evaluation, including conceptualization, implementation and report preparation, with application to leisure service delivery systems. Materials charge optional. Prerequisites: KNR 298A30. Major or minor only.

**378A30 PROFESSIONAL ISSUES
IN RECREATION AND PARK
ADMINISTRATION
3 sem. hrs.**

In-depth analysis of selected trends, issues, problems confronting leisure service practitioners in contemporary settings. Prerequisites: Major only; KNR 298A30. A minimum of 90 hours completed.

**380 ADMINISTRATION OF HUMAN
RESOURCES IN LEISURE SERVICES
3 sem. hrs.**

Human resources management, planning, and organizational behavior in recreation and leisure delivery systems. Prerequisites: Major or minor only. KNR 298A30 or RPA Minor.

**381 SPECIAL STUDIES IN RECREATION,
TOURISM, AND SPORT
1-3 sem. hrs.**

Special work in research interests of students and faculty. Projects must be approved by the instructor. May be repeated; maximum 6 hours. Prerequisite: Consent of the instructor.

**398A30 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE
EDUCATION IN RECREATION
AND PARK ADMINISTRATION
12 sem. hrs.**

Culminating experience of supervised internship done under the guidance of professionally qualified personnel in leisure service agencies and University faculty. Prerequisites: Major only; KNR 378A30. All graduation requirements met or in progress.

**398A36 PROFESSIONAL PRACTICE SEMINAR
1 sem. hr.**

Develop an understanding of professionalism and prepare for selecting and acquiring the senior internship in parks and recreation or therapeutic recreation. Prerequisites: Major only; KNR 298A30. A minimum of 90 hours completed.

MILITARY SCIENCE (MSC) 516

ROTC Building, 211 North University, (309) 438-5408

Email address: AROTC@IllinoisState.edu

Website: ROTC.IllinoisState.edu

Chairperson: Lieutenant Colonel Andrew Bender.

Military Science Program

General Department Information

Reserve Officer Training Corps (ROTC) is designed to be completed concurrently with the student's academic degree. Students can complete the first two years of ROTC with absolutely no military service obligation. Veterans, National Guardsmen, Army Reservists, and students who complete a four week leadership course at Fort Knox, Kentucky receive constructive credit for the first two years (6 credit hours) of ROTC, and can complete the ROTC program in as few as two school years.

Freshman through senior ROTC courses are offered every semester. These academic courses progress from introducing the student to the Army's mission and organization, studying leadership principles and traits, to teaching students the duties and responsibilities required of officers in the twenty-first century. Each class has a leadership laboratory that meets once a week. At lab, freshmen through senior students train on basic military skills and receive the opportunity to develop leadership skills through hands-on application. Some of the skills learned during lab include rappelling, water survival training, rifle marksmanship, first aid and CPR, map reading and land navigation, and basic tactics.

Enrolled students in the ROTC program will also have the opportunity to compete for and participate in cultural exchange programs, military internships, and professional internships with several government agencies in the varying fields such as criminal justice, nursing, and information technology.

In addition to regular on-campus training and activities, ROTC offers exciting and challenging weekend field training exercises during the school year. Trips include a staff ride, an orientation visit to Fort Knox, Kentucky, and trips to local National Guard training areas to practice marksmanship, land navigation, and tactical skills.

FINANCIAL AID

Military Science students can receive outstanding financial aid through Federal and State Army ROTC scholarships.

Federal ROTC scholarships are awarded for a four, three, or two-year period. Students compete at the national level for these scholarships. Each scholarship can pay up to the full tuition and fees each semester, provides a book allowance of \$1,200 a year, and a tax free monthly living

allowance of \$300 for freshmen to \$500 for seniors, depending on scholarship status.

State ROTC tuition waivers are awarded by the Professor of Military Science at Illinois State University. The Redbird Battalion awards up to forty of these scholarships each semester to students in the ROTC program.

EXTRACURRICULAR ACTIVITIES

Several clubs complement the ROTC academic curriculum, and help students enjoy their college experience more.

Ranger Club trains intensively on military skills such as land navigation, patrolling, and rappelling. They sponsor the annual Ranger Challenge competition in which a group of ten cadets are tested on individual and team military skills. The Illinois State University Ranger Challenge team competes with other university ROTC Ranger Challenge teams from around the geographical region in an intercollegiate competition.

Rifle Club fires .22 caliber and precision air rifles weekly at an indoor rifle range. They also participate in marksmanship competitions with other university ROTC programs during the school year, with the opportunity to compete at the National Collegiate level.

The Redbird Color Guard presents the national colors at home football and basketball games, as well as other local community events.

CAREER OPPORTUNITIES

Students who complete the ROTC program receive a commission as a second lieutenant in the Army after graduation. The student has the option of serving in the National Guard or Army Reserve as a part time career, or on active duty in the Regular Army as a full time profession. ROTC graduates can also receive a minor in Military Science by applying through the Military Science Department.

Lieutenants in the Army lead soldiers, while managing equipment, vehicle fleets, and financial resources. New lieutenants are routinely put in charge of and lead groups of up to fifty soldiers immediately after college graduation.

Officer career specialties in the Army are as diverse as those found in the civilian sector. Some of the sixteen specialties students can request as an Army officer include: Engineering, Personnel Management, Nursing, Signal Corps, Finance, Transportation, Medical Service Corps, Military Police, and Aviation. Except for the health professions, an officer's specialty in the Army does not have to be related to his or her academic degree in college.

New lieutenants who go into the Regular Army serve on active duty for three or four years, and may then transfer into the reserves. Lieutenants commissioned in the National Guard or Army Reserve can opt to serve their entire tour in the Reserves.

MINOR IN MILITARY SCIENCE

Admission into the Military Science Minor program is by permission of the Department Chairperson following a special interview concerning eligibility and entry requirements. Interested students should make arrangement for an interview as early as possible but not later than the second semester of their sophomore year.

- 35 hours required.
- Prerequisites (4 hours): MSC 111 and 112; or satisfactory completion of Army Reserve Officers' Training Corps (ROTC) Leadership Training Course (may be taken for credit as MSC 203); or proficiency as approved by the Military Science Department Chairperson.
- Required courses (12 hours): MSC 220, 221, 240, 241.
- History (3 hours): HIS 278 or 279.
- Written Communications (3 hours): ENG 145, 247 or 249.
- Human Behavior (3 hours): PSY 110 or 111 (4 hours); or SOC 106.
- Computer Literacy (3 hours): IT 140, 150, or 155.
- Math Reasoning (3 hours): MAT 113, 120, or 121.
- Physical Education (4 hours): KNR 146.

Military Science Courses

101 INTRODUCTION TO LEADERSHIP: INDIVIDUAL EFFECTIVENESS
1 sem. hr.

Introduction to leadership from perspective of the member of an effective organization. Self-enhancement skills such as time management techniques, problem solving and decision-making processes, and health enrichment actions. May not be taken as a P/NP (Passing/Not Passing) course option.

102 INTRODUCTION TO LEADERSHIP: TEAMWORK
1 sem. hr.

Basic leadership fundamentals, principles, and experiences. Relevant for all organizational leaders. Purpose is to examine how the individual organizational member and the team are affected by leaders and leadership decisions. May not be taken as a P/NP (Passing/Not Passing) course option.

111 APPLIED LEADERSHIP II
2 sem. hrs.

Examines leadership within military organizations and structure. Introduces map reading fundamentals and application of land navigation principles using the lensatic compass and terrain association. Provides opportunities to exercise leadership skills to meet established goals and objectives within specific time constraints. May not be taken as a P/NP (Passing/Not Passing) course option.

112 APPLIED LEADERSHIP
2 sem. hrs.

Provides more in-depth and critical assessment of leadership within American society. Students are challenged to learn and apply leadership principles. Group research projects designed to research, examine, and analyze leaders and leadership within community context. May not be taken as a P/NP (Passing/Not Passing) course option.

200 LEADERSHIP LABORATORY
0 sem. hr.

Provides development by practical application of the student's leadership skills through progressive training, planning, execution, and assessment. Prerequisite: Concurrent registration in AROTC Basic or Advanced Courses.

203 ROTC LEADERSHIP TRAINING COURSE
6 sem. hrs.

Provides instruction and practical application on basic military concepts of map reading, tactics, small group operations, weapons, and adventure training. Training is presented off campus at Fort Knox, Kentucky. Provides constructive credit for first two years of ROTC. CR/NC only. Prerequisite: consent of the instructor.

220 ADVANCED LEADERSHIP AND TACTICS I
3 sem. hrs.

Provides general knowledge and understanding of advanced leadership principles, small unit offensive operations, land navigation, and the operating systems. May not be taken as a P/NP (Passing/Not Passing) course option. Prerequisite: Consent of the instructor.

221 ADVANCED LEADERSHIP AND TACTICS II
3 sem. hrs.

Provides knowledge and understanding of advanced combat leadership techniques, small unit defensive operations, patrolling, and land navigation. May not be taken as a P/NP (Passing/Not Passing) course option. Prerequisites: Registration in AROTC and MSC 220 or consent of the instructor.

240 ADVANCED APPLIED LEADERSHIP I
3 sem. hrs.

Fundamental concepts of military justice; principles of court-martial and non-judicial punishment; staff principles and procedures in the Army organizational structure. Part I of a two-semester capstone experience prior to commissioning. May not be taken as a P/NP (Passing/Not Passing) course option. Prerequisite: Registration in AROTC Advanced Course or consent of the instructor.

241 ADVANCED APPLIED LEADERSHIP II
3 sem. hrs.

Introduction to professionalism and military professional responsibility. Provides students with a capstone experience in leadership studies before their transition to officership. May not be taken as a P/NP (Passing/Not Passing) course option. Prerequisite: Registration in AROTC Advanced Course or consent of the instructor.

242 LEADERSHIP DEVELOPMENT ASSESSMENT
6 sem. hrs.

Instruction and practical application in field training, demonstration of leadership capabilities, and leadership opportunities of problem analysis, decision making, and troop-leading. Training is presented off campus at Fort Knox, NY. CR/NC only. Prerequisite: Registration in a ROTC Advanced Course.

TECHNOLOGY (TEC) 510**215 Turner Hall, (309) 438-3661****Website: Tec.IllinoisState.edu****Chairperson:** Ted Branoff.**Tenured/Tenure-track Faculty:***Professors:* Boser, Branoff, Gokhale, Merrill, Park, Reifschneider, Schmidt, Wilson.*Associate Professors:* J. Brown, Devine, Shim, Xie.*Assistant Professors:* Jo, Laingen, Solanki, Wieland.**General Department Information**

The mission of the Department of Technology is to prepare individuals to become technology-oriented professionals and leaders in organizations and society. Students in the Department of Technology are required to select one of the following majors: Construction Management, Engineering Technology, Graphic Communications, Industrial Technology, Renewable Energy, or Technology and Engineering Education.

HONORS IN TECHNOLOGY

The Department of Technology offers honors work in the different departmental programs to majors who have completed 60 semester hours with a cumulative 3.50 GPA. Students interested in the program should see the departmental advisor. Requirements for honors in the Technology Honors Program are available in the departmental office, 215 Turner Hall. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Technology Programs**MAJOR IN CONSTRUCTION MANAGEMENT**

Degree Offered: B.S.

Construction Management is an interdisciplinary curriculum that provides a background in construction means and methods, business administration, communication skills, architectural and engineering fundamentals, applied science, and mathematics. The goal of the major is to prepare construction professionals capable of managing projects to completion from construction documents prepared by design professionals. Course work emphasizes the allocation of labor, equipment, and material to construction projects in order to achieve completion at maximum efficiency of time and cost. The program focus is on production and management capabilities. The Construction Management major is accredited by the American Council on Construction Education (ACCE). Graduates are prepared to assume leadership positions in residential, commercial and specialty construction. Initial employment may include field supervision, project management, estimating, and scheduling. Positions are also available in related areas such as code enforcement, construction financing, product sales, quality control, and safety management.

—88 hours required.

- 17 hours in General Education: CHE 102; MAT 120; MQM 100; PHY 105; PSY 110.
- 47 hours in Construction Management core courses: HSC 272; TEC 100, 117, 120, 121, 123, 217, 222, 223, 224, 226, 229, 292, 325, 326, 327, 394.
- A minimum of 5 hours of elective courses from the following: TEC 111, 225, 240, 322, 328, 329, 398 (3 hours).
- 19 hours in management core to include: ACC 131; ECO 105; FIL 185; MKT 230; TEC 270 and 313.

MAJOR IN ENGINEERING TECHNOLOGY

Degree Offered: B.S.

Engineering Technology is a multidisciplinary curriculum that provides experiences in the following areas: Automation, Product Design, Process Control, Plastic Materials, Quality Management, and/or Technical Project Management. The goal of the major is to prepare professionals capable of managing projects and processes in government and private enterprise settings. Coursework emphasizes the management of people, processes, and materials through hands-on activities. Initial employment opportunities include: project management, process control, production management, product design, quality control support, and technical sales. The Engineering Technology program is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE).

- 78 hours required.
- 17 hours in General Education: CHE 102; MAT 120; MQM 100; PHY 105; PSY 110.
- 52 hours in Engineering Technology core courses: TEC 100, 111, 116, 130, 151, 216, 233, 234, 240, 263, 270, 285, 293, 313, 320, 330, 392; HSC 271.
- 9 hours minimum of elective courses selected from the following: TEC 243, 244, 333, 345, 370 and 398 (3 hours only); ACC 131; ECO 105 (4 hours); and FIL 185. Students should see the department advisor for specific course recommendations.

MAJOR IN GRAPHIC COMMUNICATIONS

Degree Offered: B.S.

Graphic Communications is a management-oriented technical curriculum related to the processes, products, services and opportunities within the diverse printing, media publishing and packaging industries. Students will learn about technology and management practices related to the production and distribution of graphic media in its many forms. Two concentrations within the graphic communications major may be pursued for more in-depth study: (1) cross media and packaging technology, or (2) web content management. The goal of the major is to prepare professionals to enter the field in positions such as project manager, production coordinator, digital media developer, Web content manager, quality control manager, sales representative, cost estimator, and production associate. The Graphic Communications Technology Program is accredited by the

Accrediting Council for Collegiate Graphic Communications (ACCGC).

- 78 hours required.
- 17 hours in General Education: CHE 102; MAT 120; MQM 100; PHY 105; PSY 110.
- 49 hours in Graphic Communications core: TEC 100, 116, 150, 151, 152, 250, 253, 257, 270, 313, 317, 320, 330, 352, 354, 356, 358.
- Students will select 9 hours of required courses from one of the following concentrations:
Cross Media and Packaging Technology Concentration: TEC 350, 351, 353.
Web Content Management Concentration: TEC 283, 319, 378.
- An additional 3 hours of elective courses selected from the following (if not already taken for credit): TEC 283, 319, 350, 351, 353, 370, 378, 398 (3 hours), ACC 131, COM 160, ECO 105, FIL 185.

MAJOR IN INDUSTRIAL TECHNOLOGY

Degree Offered: B.S.

Computer Systems Technology Sequence:

Computer Systems Technology is an interdisciplinary curriculum that provides a background in computer technology, software, programming, information imaging, and other industry-related technologies. The goal is to prepare professionals for the management and supervision of technical computer systems in industrial settings. Course work emphasizes the use of computer systems to provide students with a diverse technical and professional background in communications, networking, interfacing, and electronic principles related to a variety of computer systems. Computer Systems Technology is accredited by the Association of Technology, Management, and Applied Engineering (ATMAE).

- 75 hours required.
- 17 hours in General Education: CHE 102; MAT 120; MQM 100; PHY 105; PSY 110.
- 13 hours in Technology core courses: TEC 100, 270, 313, 320, 330.
- 33 hours of required courses: TEC 143, 151, 243, 244, 245, 283, 284, 319, 378, 383, and 390.
- 12 hours of additional courses selected from the following: IT 168, 178, 254, 261, 262; TEC 116, 152, 216, 250, 348, 358, 370, and 398 (3 hours only).

MAJOR IN RENEWABLE ENERGY

Degree Offered: B.S.

The Major in Renewable Energy is an interdisciplinary program that prepares students for careers in renewable energy and related industries, including wind energy, solar power, biofuels, and energy management. The curriculum is designed to provide students with a broad understanding of energy management concepts and the roles played by renewable resources. Students will develop expertise in an

interdisciplinary core of subjects fundamental to renewable energy as well as more in-depth studies in a related minor.

- 67 total hours required.
- 23 hours in General Education: CHE 102; HSC 156; MAT 120; MQM 100; PHY 105, 207; PSY 110.
- 38 hours in required core courses: AGR 225; ECO 105 (4 hours), 236; GEO 211; TEC 100 (1 hour), 111, 160, 258, 259, 260, 262, 270, 360.
- 6 hours selected from: FIL 185, SOC 330, TEC 116, 117, 217, 320, 370, 398A02.
- Students are required to choose a minor from the following: Business Administration, Business Environment and Sustainability, Economics, Environmental Studies, Geography, or Technology.

MAJOR IN TECHNOLOGY AND ENGINEERING EDUCATION

Degree Offered: B.S.

Technology and Engineering Education includes: (1) a study of the concepts practiced in modern technological systems of energy utilization, communication, production, and transportation, and engineering-related fields; (2) the development of cognitive, psychomotor, and affective skills in these five areas related to the use of tools, materials, processes, resources, techniques, scientific principles, work (skill and organization), and products as well as their impacts on society; and (3) the professional competencies of planning, executing and evaluating instruction.

The following requirements are part of the entitlement program leading to endorsement at the secondary 6-12 grade levels. Initial employment opportunities include: Junior High/Middle School Technology and Engineering Teacher (middle school endorsement also requires PSY 302 and TCH 233), High School Technology and Engineering Teacher, Vocational/Trade School Teacher, School District Technology Coordinator, Community/Junior College Instructor, Industrial Trainer/Instructor. A cumulative and major GPA of 2.50 is required for student teaching and graduation. The Technology and Engineering Education Program is accredited by the Illinois State Board of Education (ISBE) and NCATE/CTTE.

- 78 hours required.
- 4 hours General Education: PHY 105.
- 35 semester hours of required technical core courses: TEC 101, 111, 116, 120, 130, 150, 216, 243, 303, 304, 305; and MAT 108.
- 9 semester hours of required elective Technology courses.
- 30 semester hours Professional Education courses that include: TCH 212, 216, 219; EAF 231 (EAF 228 or EAF 235 may also be used to meet this requirement); PSY 215; STT 399A33; TEC 307. Successful completion of 100 clinical hours required before student teaching.

If technology majors want an endorsement for middle school, PSY 302 and TCH 233 are required.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

MINOR IN TECHNOLOGY

- 21 hours required through advisement.
- 6 of the 21 hours required must be upper level coursework.
- No more than 9 hours from the major program of study may be applied to the minor.
- Courses must be chosen from the following list: TEC 111, 116, 117, 120, 121, 123, 130, 143, 150, 151, 152, 216, 217, 222, 223, 224, 225, 226, 229, 233, 234, 240, 243, 244, 245, 250, 253, 257, 263, 270, 283, 284, 285, 292, 313, 316, 317, 319, 320, 322, 325, 326, 327, 328, 329, 330, 345, 348, 350, 351, 352, 353, 354, 356, 358, 383, 390, 392, 394.

ALLOWABLE SUBSTITUTIONS FOR TECHNOLOGY MAJORS:

- Acceptable substitutions for CHE 102 are CHE 110 and 112, or 140.
- Acceptable substitution for HSC 385 is HSC 271.
- Acceptable substitutions for MAT 120 are MAT 121, 144 or 145.
- Acceptable substitution for MQM 100 is ECO 138.
- Acceptable substitutions for PHY 105 are PHY 108 or 110.
- Acceptable substitution for TEC 270 is MQM 220.
- Acceptable substitutions for TEC 330 is ACC 131 and ACC 132

Technology Courses**100 PROFESSIONAL DEVELOPMENT IN TECHNOLOGY****1 sem. hr.**

Introduction to career and leadership opportunities, employer expectations, job search skills, and placement resources within technology fields of study. Lecture. Materials charge optional. Formerly *INTRODUCTION TO INDUSTRIAL TECHNOLOGY*.

101 INTRODUCTION TO TEACHING TECHNOLOGY**3 sem. hrs.**

Methodological insights and understanding for teaching technical subject matter; emphasis on observing programs, developing, conveying and evaluating technology-based curricula. Includes Clinical Experience. Lecture.

111 FUNDAMENTALS OF POWER TECHNOLOGY**3 sem. hrs.**

Principles of electrical, electronic, mechanical, and fluid power components and systems as they apply to industrial applications. Lecture and lab. Prerequisite: Major or minor only or consent of the department advisor.

116 INTRODUCTION TO TECHNICAL DRAWING AND CONSTRAINT-BASED SOLID MODELING**3 sem. hrs.**

Introduction to technical drawing with emphasis on Computer Aided Design (CAD) constraint-based solid modeling, sketching, and basic blueprint reading. Lecture and lab. Materials charge optional. Formerly *TECHNICAL DRAWING*. Prerequisite: Major or minor only or consent of the department advisor.

117 CONSTRUCTION GRAPHICS**3 sem. hrs.**

Studies in graphical representation of architectural and construction ideas. Emphasis on sketching, spatial visualization, and computer-aided drafting methods. Lecture and lab. Materials charge optional. Not for credit if had TEC 110, 211. Prerequisite: Major or minor only or consent of the department advisor.

120 INTRODUCTION TO BUILDING CONSTRUCTION**3 sem. hrs.**

Introduction to the principles, practices, and materials used in residential and commercial construction. Lecture. Materials charge optional. Prerequisite: Major or minor only or consent of the department advisor.

121 CONSTRUCTION METHODS**2 sem. hrs.**

Applications of the principles, practices, and materials used in residential and commercial construction. Lecture and lab. Materials charge optional. Prerequisite: Major or minor only or consent of the department advisor.

123 CONSTRUCTION DOCUMENTS AND QUANTITY TAKEOFF**3 sem. hrs.**

Introduction to blueprint reading, construction specifications, and quantity takeoff procedures. Lecture and lab. Prerequisites: TEC 120 or concurrent registration. Major or minor only or consent of the department advisor.

130 INTRODUCTION TO MANUFACTURING PROCESSES**3 sem. hrs.**

Secondary material processes including industrial machinery usage and study in the areas of forming, casting, separating, joining, and conditioning. Lecture and lab. Materials charge optional. Prerequisite: Major or minor only or consent of the department advisor.

143 INTRODUCTION TO ELECTRONICS FOR DATA COMMUNICATION**3 sem. hrs.**

Overview of the fundamentals, concepts, and theory of basic electronics essential to telecommunications systems. Lecture and lab. Materials charge optional. Prerequisite: Major or minor only or consent of the department advisor.

150 GRAPHIC COMMUNICATIONS TECHNOLOGY**3 sem. hrs.**

Introduction to the history, vocabulary, tools, materials, and process of the graphic communications industry. Lecture and lab. Materials charge optional. Prerequisite: Major or minor only or consent of the department advisor.

151 INTRODUCTION TO COMPUTER SYSTEMS TECHNOLOGY**3 sem. hrs.**

Study and use of basic methods and software used in computer applications for imaging, graphics, and communications. Lecture and lab. Materials charge optional. Formerly *INTRODUCTION TO INDUSTRIAL COMPUTER SYSTEMS*. Prerequisite: Major or minor only or consent of the department advisor.

152 DIGITAL MEDIA APPLICATIONS**3 sem. hrs.**

Study of technology used for digital media and communications. Lecture and lab. Materials charge optional. Prerequisite: Major or minor only or consent of the department advisor.

160 INTRODUCTION TO RENEWABLE ENERGY**3 sem. hrs.**

An exploration of renewable energy systems, emphasizing physical principles and practical applications of various renewable energy system technologies. Lecture. Materials charge optional. Prerequisite: Major or minor only or consent of the department advisor.

170 ENERGY FOR A SUSTAINABLE**FUTURE****SMT****3 sem. hrs.**

The nature and role of energy in daily lives, with an emphasis on using our knowledge to make informed decisions. Prerequisite: MAT 113, 120, 130 or 145.

216 CONSTRAINT-BASED SOLID MODELING AND PRODUCTION DRAWINGS**3 sem. hrs.**

Intermediate course focusing on constraint-based solid modeling, technical drawing practices, and blueprint/tolerance interpretation. Lecture and lab. Materials charge optional. Formerly *COMPUTER-AIDED DESIGN AND DRAFTING*. Prerequisites: TEC 116. Major or minor only or consent of the department advisor.

217 BUILDING INFORMATION MODELING**3 sem. hrs.**

Using building information modeling systems to design and document architectural and construction ideas. Emphasis on modeling, annotating, and document creation. Lecture and lab. Materials charge optional. Prerequisites: TEC 117. Major or minor only or consent of the department advisor.

222 MECHANICAL AND ELECTRICAL SYSTEMS FOR BUILDINGS**3 sem. hrs.**

Introduction to design, operation, and installation of heating, ventilation, air conditioning, plumbing, fire protection, and electrical systems. Lecture and lab. Materials charge optional. Prerequisites: TEC 120; MAT 120; and PHY 105. Major or minor only or consent of the department advisor.

223 FIELD ENGINEERING**3 sem. hrs.**

Principles and practices of construction geomatics, project control, and administration from a field supervision perspective. Lecture and lab. Formerly *SURVEYING AND BUILDING LAYOUT*. Prerequisites: TEC 120; MAT 120. Major or minor only or consent of the department advisor.

224 SOILS AND FOUNDATIONS**3 sem. hrs.**

Principles and practices used in concrete and masonry structures and the affect of soil characteristics on foundation design and construction. Lecture and lab. Prerequisites: TEC 120, 121. Major or minor only or consent of the department advisor.

225 CONSTRUCTION EQUIPMENT MANAGEMENT**3 sem. hrs.**

Equipment productivity, selection, allocation, economics, and safety related to residential and commercial construction. Lecture. Prerequisites: TEC 120; TEC 121 or concurrent registration. Major or minor only or consent of the department advisor.

226 CONSTRUCTION CONTRACTS AND LAW**2 sem. hrs.**

Duties, rights, and liabilities of all parties to a construction contract. Lecture. Prerequisites: TEC 120. Major or minor only or consent of the department advisor.

229 COST ESTIMATING AND PROJECT PLANNING**3 sem. hrs.**

Integrated approach to the fundamentals of construction cost estimating, project planning, and scheduling. Lecture and lab. Prerequisites: TEC 117 and 123; MAT 120. Major or minor only or consent of the department advisor.

233 CNC AND MACHINING**3 sem. hrs.**

An introduction to metals machining processes with an emphasis on automation using Computer Numerical Control (CNC). Lecture and lab. Materials charge optional. Prerequisites: TEC 111, 130; TEC 216 or concurrent registration. Major or minor only or consent of the department advisor.

234 ROBOTIC SYSTEMS INTEGRATION**3 sem. hrs.**

An introduction to robotics including common applications, programming, safety, and integration principles. Lecture and lab. Materials charge optional. Prerequisites: TEC 111; TEC 151. Major or minor only or consent of the department advisor.

240 ELECTRIC CIRCUITS AND MACHINES**3 sem. hrs.**

Electrical principles and applications including circuit diagrams, switches, relays, motors, and transformers. Lecture and lab. Materials charge optional. Prerequisites: TEC 111 or TEC 143 or concurrent registration. Major or minor only or consent of the department advisor.

243 COMPUTER NETWORKING SYSTEMS**3 sem. hrs.**

Implementation of the principles of local area network architecture, including server and client hardware specifications and configurations. Lecture and lab. Materials charge optional. Prerequisite: Major or minor only or consent of the department advisor.

244 DIGITAL ELECTRONICS**3 sem. hrs.**

Operation, characteristics, and applications of discrete and integrated solid state devices in selected digital circuits. Lecture and lab. Materials charge optional. Prerequisite: MAT 120. Demonstrated equivalent competencies. Major or minor only or consent of the department advisor.

245 APPLICATIONS OF OPERATING SYSTEMS**3 sem. hrs.**

The introduction of operating systems software to enhance productivity, control, and connectivity, using open source code and proprietary systems. Lecture and lab. Materials charge optional. Formerly *FUNDAMENTALS OF OPERATING SYSTEMS IN INDUSTRIAL APPLICATIONS*. Prerequisites: TEC 151 or concurrent registration. Major or minor only or consent of the department advisor.

250 GRAPHIC MEDIA COMPOSITION**3 sem. hrs.**

Study of graphic media production technology to plan and create documents including advertisements, brochures, books, packages, and e-books. Lecture and lab. Materials charge optional. Prerequisites: TEC 150. Major or minor only or consent of the department advisor.

253 IMAGE CAPTURE AND EDITING**3 sem. hrs.**

Digital photography, scanning, image editing software tools, PostScript output, halftones, tone reproduction, densitometry, and reproduction concerns. Lecture and lab. Materials charge optional. Prerequisites: TEC 150. Major or minor only or consent of the department advisor.

257 PRINT MEDIA PRODUCTION**3 sem. hrs.**

A study of printing production processes including lithography, flexography, screen printing, and digital printing production. Lecture and lab. Materials charge optional. Prerequisites: TEC 150. Major or minor only or consent of the department advisor.

258 RENEWABLE ENERGY TECHNOLOGY APPLICATIONS**3 sem. hrs.**

Analysis, selection, and implementation of cost-effective renewable energy technologies including solar and wind energy. Lecture and lab. Materials charge optional. Prerequisites: TEC 111 and 160. Major or minor only or consent of the department advisor.

259 POWER GENERATION: PRODUCTION, CONVERSION AND STORAGE**3 sem. hrs.**

Application of governing laws and principles to describe thermal, mechanical and electrical energy conversion and storage systems. Lecture and lab. Materials charge optional. Prerequisites: TEC 111. Major or minor only or consent of the department advisor.

260 RESEARCH AND ANALYTICAL TOOLS IN RENEWABLE ENERGY**3 sem. hrs.**

Introduction to quantitative research methods and analytical tools in renewable energy including data collection, data analysis, and simulation tools. Lecture and lab. Prerequisites: TEC 160; MQM 100. Major or minor only or consent of the department advisor.

262 ENERGY PLANNING AND MANAGEMENT: FROM BUILDINGS TO COMMUNITIES**3 sem. hrs.**

Application of the principles and practices of energy management to improve energy efficiency, sustainability, and renewable resource usage. Lecture. Formerly *ENERGY MANAGEMENT*. Prerequisites: TEC 111. Major or minor only or consent of the department advisor.

263 AUTOMATED FLUID POWER SYSTEMS**3 sem. hrs.**

Theory and operation of fluid power circuits and intermediate level PLC (Programmable Logic Controller) programming. Lecture and lab. Materials charge optional. Prerequisites: TEC 111 or 143. Major or minor only or consent of the department advisor.

270 MANAGING TECHNOLOGICAL SYSTEMS**3 sem. hrs.**

Principles, practices and methods used to plan, organize, lead, and control technological systems. Lecture. Prerequisites: PSY 110 or concurrent registration. A minimum of 45 hours completed. Major or minor only or consent of the department advisor.

275 TECHNOLOGY AND QUALITY OF LIFE SMT
3 sem. hrs.

Future-oriented course that analyzes the interface of technology with social forces that cause social change and affect quality of life; includes technological assessment. Lecture. Prerequisite: MAT 113, 120, 130, or 145.

283 INFORMATION AND IMAGING TECHNOLOGIES
3 sem. hrs.

Principles of information and imaging systems including databases, Web design, and digital imaging. Lecture and lab. Prerequisites: Grade of C or better in TEC 151. Major or minor only or consent of the department advisor.

284 TECHNICAL COMPUTER APPLICATIONS
3 sem. hrs.

Application of computer hardware and software solutions for production and control problems. Lecture and lab. Materials charge optional. Prerequisites: TEC 143 and 283 or concurrent registration. Major or minor only or consent of the department advisor.

285 INDUSTRIAL PLASTICS
3 sem. hrs.

Resins, processing, fabrication, injection molding, extrusion, rotational molding, compression molding, thermoforming, fiberglass lay-up, identification and testing. Lecture and lab. Materials charge optional. Prerequisites: TEC 130 or concurrent registration. Major or minor only or consent of the department advisor.

292 CONSTRUCTION MATERIALS TECHNOLOGY
3 sem. hrs.

Construction materials, material properties and standardized testing procedures. Lecture and lab. Materials charge optional. Not for credit if had TEC 292A01 *MATERIALS TECHNOLOGY: CONSTRUCTION MANAGEMENT*. Prerequisites: MAT 120 or concurrent registration. Major or minor only or consent of the department advisor.

293 MECHANICAL PROPERTIES OF MATERIALS
3 sem. hrs.

Theory and practice of standardized testing procedures to determine the modulus and strength of engineering materials. Lecture and lab. Materials charge optional. Not for credit if had TEC 292 *MATERIALS TECHNOLOGY*. Prerequisites: PHY 105 or concurrent registration; MAT 120 or concurrent registration. Major or minor only or consent of the department advisor.

303 ENGINEERING DESIGN
3 sem. hrs.

Foundational concepts of engineering design including history, technology, tools, computer applications, pedagogical, and professional issues. Lecture and lab. Materials charge optional. Prerequisites: TEC 216; MAT 108 and PHY 105 or concurrent registration.

304 MEDICAL, AGRICULTURAL, AND BIO-RELATED TECHNOLOGIES
3 sem. hrs.

A study of technological systems related to medical, agricultural, and bio-related technologies. Lecture and lab. Prerequisite: TEC 101 or 301.

305 TEACHING TRANSPORTATION, ENERGY, AND POWER TECHNOLOGIES
3 sem. hrs.

Instruction and practice developing, teaching, and assessing transportation, energy, and power technologies curricula using a standards-based approach. Lecture and lab. Prerequisites: TEC 101 or 301 or demonstrated equivalent competencies. TEC 111 and 116 or concurrent registration.

306 COORDINATION TECHNIQUES OF CAREER AND TECHNICAL COOPERATIVE EDUCATION PROGRAMS
3 sem. hrs.

Coordination techniques needed for high school and post-secondary teacher-coordinators in integrating classroom activities with daily employment. Also offered as BE/FC 382. Includes Clinical Experience.

307 COMPETENCIES FOR TEACHING
4 sem. hrs.

Curriculum planning, teaching, and evaluation strategies, and professionalism for Technology Education teachers. Includes Clinical Experience. Lecture. Prerequisites: TEC 305 and TCH 216 or concurrent registration. Concurrent registration in Student Teaching or within one semester.

310 STEM EDUCATION FOUNDATIONS
3 sem. hrs.

Foundations of pedagogical content knowledge for developing, implementing, and assessing integrated/interdisciplinary science, technology, engineering, and mathematics (STEM) education at the secondary level. Prerequisite: Education major, graduate standing, or practicing teacher.

313 QUALITY SYSTEMS FOR TECHNOLOGY
3 sem. hrs.

A managed quality system using statistical tools; control charts, paretos, histograms, scattergrams, flowcharts and problem-solving techniques for continuous improvement. Lecture. Prerequisites: MQM 100; MAT 120; 8 hours in a TEC sequence. Major or minor only or consent of the department advisor.

317 COMPUTER-AIDED RENDERING AND ANIMATION
3 sem. hrs.

Using computer systems to create renderings and animated presentations of design ideas in an industrial or architectural setting. Lecture and lab. Prerequisites: TEC 116 or 217. Major or minor only or consent of the department advisor.

319 GRAPHICAL SOFTWARE INTERFACES
3 sem. hrs.

Combination of graphic and programming techniques to interpret and solve technological problems and enhance productivity. Lecture and lab. Formerly *COMPUTER GRAPHICS*. Prerequisites: Grade of C or better in TEC 283. Major or minor only or consent of the department advisor.

320 PROJECT MANAGEMENT
3 sem. hrs.

Fundamentals of project management emphasizing planning techniques to meet stakeholder expectations regarding project scope, time, cost, and quality. Lecture. Prerequisites: TEC 270 and a minimum of 60 hours completed. Major or minor only or consent of the department advisor.

322 BUILDING CODES AND INSPECTION**2 sem. hrs.**

Analysis of model building codes and their application and administration for minimum standards of public safety and welfare. Lecture. Prerequisites: TEC 120. A minimum of 45 hours completed. Major or minor only or consent of the department advisor.

325 COMPUTERIZED ESTIMATING AND SCHEDULING**3 sem. hrs.**

Integrated approach to computerized estimating and scheduling as methods of project control. Lecture and lab. Prerequisites: TEC 222, 224, and 229. Major or minor only or consent of the department advisor.

326 CONSTRUCTION FINANCE AND ACCOUNTING**3 sem. hrs.**

Practical application of financial and accounting fundamentals specific to the construction industry. Lecture and lab. Prerequisites: ACC 131, ECO 105; and MAT 120. Major or minor only or consent of the department advisor.

327 DESIGN OF BUILDING STRUCTURES**3 sem. hrs.**

Analysis and design of permanent and temporary structural systems for wood, steel, and concrete construction. Lecture. Prerequisites: TEC 292; MAT 120; and PHY 105. Major or minor only or consent of the department advisor.

328 RESIDENTIAL DEVELOPMENT**3 sem. hrs.**

Principles and practices of residential development including land acquisition and improvement, regulations, construction, and sales. Lecture. Prerequisites: ECO 105; TEC 229 and a minimum of 45 hours completed. Major or minor only or consent of the department advisor.

329 SUSTAINABLE BUILDINGS AND URBAN DEVELOPMENT**3 sem. hrs.**

Principles and practices of sustainable development in urban environments including building, transportation, and neighborhoods. Lecture. Prerequisites: TEC 120 and a minimum of 45 hours completed. Major or minor only or consent of the department advisor.

330 APPLIED ECONOMIC ANALYSIS FOR TECHNOLOGISTS**3 sem. hrs.**

Applied economic techniques used to determine the relative worth of alternative systems, products, and services. Lecture and lab. Prerequisites: MAT 120 and six credit hours of 200-level TEC coursework. Major or minor only or consent of the department advisor.

333 GEOMETRIC DIMENSIONING AND TOLERANCING**3 sem. hrs.**

Interpretation and application of geometric dimensioning and tolerancing. Includes inspection of parts using a coordinate measuring machine. Lecture and lab. Prerequisites: TEC 130 and 216 or demonstrated equivalent competencies. Major or minor only or consent of the department advisor.

345 PROCESS CONTROL NETWORKS**3 sem. hrs.**

Programmable Logic Controller (PLC) programming within process control networks connecting machines, devices, sensors, and computers. Lecture and lab. Materials charge optional. Prerequisites: TEC 240 and 263 or demonstrated equivalent competencies. Major or minor only or consent of the department advisor.

348 SELECTED TOPICS IN COMPUTER SYSTEMS TECHNOLOGY**3 sem. hrs.**

Study of advanced topics in computer technology, with laboratory experiences that apply current knowledge and skills. Lecture and lab. May repeat if content differs; maximum 6 hours. Materials charge optional. Formerly *SELECTED TOPICS IN INDUSTRIAL COMPUTER SYSTEMS*. Prerequisites: TEC 245 and completion of 75 hours or consent of the instructor. Major or minor only or consent of the department advisor.

348A06 E-COMMERCE**3 sem. hrs.**

This course enables students to examine, develop, and manage e-Commerce related projects. One focus is the development of secure e-Commerce sites on Windows (IIS Server) and UNIX (Apache) platforms. This course also enables students to understand and apply the concepts of entrepreneurship, e-Business, and examine business models and to understand and apply on-line database management systems and web security. Prerequisites: TEC 245 and completion of 75 hours or consent of the instructor. Major or minor only or consent of the department advisor.

349 TECHNICAL WRITING II**3 sem. hrs.**

Instruction and practice in editing, proposals, and analytical writing; attention given to style manuals, research writing, and (as needed) publication. Lecture. Also offered as ENG 349. Materials charge optional. Prerequisite: ENG 249 or graduate standing.

350 PACKAGE DESIGN AND PRODUCTION**3 sem. hrs.**

Study of design, materials, and production processes used in the manufacture of packages and displays. Lecture, lab and field trips. Materials charge optional. Formerly *FLEXOGRAPHY*. Prerequisites: TEC 116, 257. Major or minor only or consent of the department advisor.

351 CROSS-MEDIA TECHNOLOGY**3 sem. hrs.**

Technology and processes used in cross-media production, with emphasis on interactive digital print products. Lecture and lab. Formerly *ADVANCED IMAGE TRANSFER SYSTEMS*. Prerequisites: TEC 250. Major or minor only or consent of the department advisor.

352 PREPRESS TECHNOLOGY**3 sem. hrs.**

Utilization of advanced pre-press methods and technologies in the creation and management of print media. Lecture, labs and field trips. Formerly *ADVANCED PREPRESS TECHNOLOGY*. Materials charge optional. Prerequisites: TEC 250. Major or minor only or consent of the department advisor.

353 COLOR MANAGEMENT**3 sem. hrs.**

Study of color theory and measurement, device calibration and profiling, color reproduction variables, color proofing, and color management workflow. Lecture, labs and field trips. Materials charge optional. Prerequisites: TEC 253. Major or minor only or consent of the department advisor.

354 PRINT PRODUCTION PLANNING AND PROFITABILITY**3 sem. hrs.**

Printing production workflow analysis, cost estimating, scheduling, job costing, and profitability. Use of computer-assisted management software. Lecture. Prerequisites: MAT 120; TEC 257. Major or minor only or consent of the department advisor.

356 GRAPHIC COMMUNICATIONS BUSINESS PRACTICES**3 sem. hrs.**

Current management trends in the profession, with specific emphasis on production management and legal issues for graphic communications businesses. Lecture. Prerequisites: TEC 257. Major or minor only or consent of the department advisor.

358 E-PUBLISHING MANAGEMENT**3 sem. hrs.**

Study of ePublishing technology, media production management, and digital asset management for graphic communications businesses. Lecture, labs and field trips. Materials charge optional. Formerly *DIGITAL MEDIA MANAGEMENT*. Prerequisites: TEC 152, 250. Major or minor only or consent of the department advisor.

360 RENEWABLE ENERGY CAPSTONE**3 sem. hrs.**

A research-focused synthesis of the skills and knowledge acquired in the Renewable Energy major coursework. Lecture and lab. Prerequisites: TEC 260 and a minimum of 45 hours completed. Major or minor only or consent of the department advisor.

370 SUPPLY CHAIN LOGISTICS**3 sem. hrs.**

Supply chain networks for technology-based companies. Activities associated with transforming goods from raw materials through delivery to end user. Lecture. Prerequisites: TEC 270 or concurrent registration. A minimum of 60 hours completed or graduate standing. Major or minor only or consent of the department advisor.

378 E-COMMERCE**3 sem. hrs.**

A study of technological concepts, business models, entrepreneurship, and policy related to e-transactions in trade and commerce. Lecture and lab. Not for credit if had TEC 348A06. Prerequisites: TEC 283. Major or minor only or consent of the department advisor.

383 TELECOMMUNICATIONS TECHNOLOGY**3 sem. hrs.**

Interfacing computers locally and through telecommunications networks. Identification of existing standards and hardware and evaluation of specific needs. Lecture and lab. Materials charge optional. Prerequisites: TEC 243 or IT 254. Major or minor only or consent of the department advisor.

390 COMPUTER SYSTEMS APPLICATIONS**3 sem. hrs.**

Development of managers and supervisors with technical and professional background in communications, networking, and interfacing, related to computer systems. Lecture and lab. Materials charge optional. Formerly *INDUSTRIAL COMPUTER APPLICATIONS*. Prerequisites: TEC 270 and PHY 105; 9 senior hours of technical courses in Computer Systems Technology. Major or minor only or consent of the department advisor.

392 MANUFACTURING ORGANIZATION AND MANAGEMENT**3 sem. hrs.**

The study of industrial production systems including product, manufacturing, and plant engineering through the managing of a production project. Lecture and lab. Materials charge optional. Prerequisites: TEC 398A02 or 400 hours of documented engineering technology related work experience; TEC 270 and 9 senior hours of technical coursework in Engineering Technology and senior standing or consent of the instructor. Major or minor only.

394 CONSTRUCTION MANAGEMENT AND ADMINISTRATION**3 sem. hrs.**

Principles, practices, and standard documentation utilized in construction project management and administration. Lecture and lab. Prerequisites: TEC 226; 325 or concurrent registration; TEC 398 or 800 hours documented construction experience. Major or minor only or consent of the department advisor.

398 PROFESSIONAL PRACTICE: DEPARTMENT OF TECHNOLOGY**1-8 sem. hrs.**

Planned and supervised management-oriented work-study experiences in businesses, industries, and governmental agencies. Forty hours of work per credit hour. Internship and Coop options listed separately below. CR/NC only. No more than 3 hours may apply toward major. May be repeated: maximum 16 hours applicable for graduation. Prerequisites: Major only. ISU overall and major GPA of 2.50 and consent of the department Professional Practice Coordinator. Evidence of health insurance required. Please see student manual for additional information and application procedures.

398A02 PROFESSIONAL PRACTICE: INTERNSHIP IN TECHNOLOGY**1-8 sem. hrs.**

Eight-week full-time/320 hours part-time minimum work term duration. CR/NC only. Prerequisites: Must have completed at least 30 hours of college course work. Completion of 12 hours coursework at ISU. TEC 100-level required courses and three hours of 200/300-level courses in your TEC major.

398A52 PROFESSIONAL PRACTICE: COOP IN TECHNOLOGY**1-8 sem. hrs.**

Eight-week full-time/320 hours part-time minimum work term duration; 3 work terms minimum. CR/NC only. Prerequisites: TEC 100-level required courses.

COLLEGE OF ARTS AND SCIENCES

Dean: Gregory B. Simpson, 141 Stevenson Hall.

Associate Deans: Joseph R. Blaney, Sally E. Parry, Marla Reese-Weber.

Assistant Dean: Deborah J. Fox.

Website: CAS.IllinoisState.edu

The College of Arts and Sciences provides the opportunity for a liberal education in addition to the attainment of career-oriented skills. The College includes the Departments of Chemistry; Communication Sciences and Disorders; Economics; English; Geography-Geology; History, Languages, Literatures, and Cultures; Mathematics; Philosophy; Physics; Politics and Government; Psychology; Sociology-Anthropology; and the Schools of Biological Sciences; Communication; and Social Work; as well as the programs in Latin American and Latino/a Studies and Women's and Gender Studies. The College offers the core of the General Education Program required of all undergraduates, a wide range of academic major and minor programs for meeting baccalaureate degree requirements, master's programs in most disciplines, and doctoral programs in Audiology, Biological Sciences, English Studies, Mathematics, and Psychology. Course offerings span the humanities, social and behavioral sciences, natural sciences, and mathematics.

Foreign Language Requirement:

All graduates of the College of Arts and Sciences must satisfy a foreign language graduation requirement that may be met by: 3 years of one foreign language in high school or successful completion of the second semester or higher of college-level foreign language with a passing grade or equivalent proficiency as determined by examination. Students who have successfully completed one semester of college foreign language credit may elect to satisfy this requirement by studying abroad in an approved program in a non-English speaking country. American Sign Language may also be used to fulfill this requirement by transfer credit or by proficiency.

ARTS AND SCIENCES PROGRAMS

The College of Arts and Sciences participates in the Major in Interdisciplinary Studies and the minors in African-American Studies; African Studies; Children's Studies; Civic Engagement and Responsibility; Classical Studies; Cognitive Science; East Asian Studies; Environmental Studies; Ethnic Studies; European Studies; Interdisciplinary Studies; International Studies; Latin American and Latino/a Studies; Middle Eastern and South Asian Studies; Native American Studies; Peace and Conflict Resolution Studies; Religious Studies; Urban Studies; and Women's and Gender Studies. For further information, please consult the section entitled "Interdisciplinary Studies Programs" in this *Undergraduate Catalog*.

Latin American and Latino/a Studies Program (LAL) 467

Director: Dr. Maura Toro-Morn,
Department of Sociology and Anthropology
328 Williams Hall, Campus Box 4670
Phone: (309) 438-8290, Email: mitmorn@ilstu.edu

Advisor: Janet Claus, University College
340 Fell Hall, Campus Box 4060
Phone: (309) 438-7604, Email: jlclaus@IllinoisState.edu

Website: LatinoStudies.IllinoisState.edu

MINOR IN LATIN AMERICAN AND LATINO/A STUDIES

The goals of the Minor in Latin American and Latino/a Studies are (a) to provide students with key concepts, information, and a foundation of knowledge rooted in several academic disciplines; (b) to examine the social, political, and cultural challenges of Latin America and the Latino/a populations in the global community; and (c) to foster a multicultural, pluralistic, and multi-lingual environment by focusing on the interrelations between the United States, Latin America, and its descendant populations.

This program is student centered and flexible. Students are expected to complete coursework in a variety of disciplines and departments. All individual programs of study must be planned in consultation with the Latin American and Latino/a Studies advisor.

Students are strongly encouraged to study abroad in programs in Latin America and the Caribbean. See the Office of International Studies and Programs for information. Their webpage can be found at StudyAbroad.IllinoisState.edu.

- 24 hours required.
- Language Requirement: Students must complete 6 semesters of high school or second semester college (112) coursework in either Spanish or Portuguese. Foreign language credit below the third semester level (115) does not count toward the minor requirement of 24 hours.
- A plan of study approved by the advisor including courses from at least three different departments:
GEO 235A02; HIS 104A03, 263, 282, 283; LAL 398A01, 398A02; POL 240, 340; SOC 109; SPA 115, 116, 233, 240, 244, 336.

NOTE:

- Other courses with appropriate content may be approved by the advisor, particularly HIS 306; SPA 305, 360; TCH 319, 320, 321, 322; and IDS 203A15 when the topic is Latin America.
- Many courses are offered regularly. Please note that some courses are not available every semester.

Latin American and Latino/a Studies Courses

398A01 PROFESSIONAL PRACTICE: INTERNSHIP/COOP IN LATIN AMERICAN AND LATINO/A STUDIES 1-6 sem. hrs.

Independent experience in a supervised community work setting with opportunities for civic engagement. Academic requirements include a final paper. A maximum of 6 hours may count toward the LAL minor. Prerequisite: Consent of the director and supervisor.

398A02 PROFESSIONAL PRACTICE: RESEARCH EXPERIENCE IN LATIN AMERICAN AND LATINO/A STUDIES 1-6 sem. hrs.

Practical experience in the design, implementation, and reporting of research through methods appropriate to the fields of interest. A maximum of 6 hours may count toward the LAL minor; a maximum of 16 hours of all 398 courses may count towards graduation. Prerequisite: SOC 109 and consent of the program director.

Women's and Gender Studies Program (WGS) 426

Director: Alison Bailey
237 Rachel Cooper, Campus Box 4260
Phone: (309) 438-2947

Advisors: Stacia Kock
232 Rachel Cooper Hall, Campus Box 4260
Phone: (309) 438-2947
Email: WGSAdvisor@IllinoisState.edu
or

Mandy Dartt
231 Rachel Cooper Hall
Phone: (309) 438-2947
Email: WGSAdvisor@IllinoisState.edu
Web Address: WGS.IllinoisState.edu

The minor in Women's and Gender Studies enhances any undergraduate major by offering students an interdisciplinary curriculum that focuses on diverse experiences of women in both national and international contexts. The program provides a wide range of electives that offer students the conceptual tools to critically examine the meanings of gender and its intersections with race, sexuality, class/caste, coloniality and ability as they shape our ways of knowing, behaviors, and political identities. Curricular areas of emphasis include the study of feminist theories and methodologies, social justice and activism, LGBTQ studies, women's histories, literatures, visual cultures, and politics.

Women's and Gender Studies employs gender as an analytical category, along with race, class, and ethnicity, to focus on women's contributions to society and the gendered implications of cultural, political, and economic processes. By broadening a student's knowledge base, this interdisciplinary minor has theoretical and practical applications for scholarship, the workplace, personal growth and relationships.

- 21 hours required.
- Required courses: WGS 120; ENG 160, or 260, or 261, or 360; HIS 261 or 262; PHI 246 or POL 338.
- 9 hours of additional courses from: ANT 270, 376; CJS 307, 339, 342; COM 128 or ENG 128 or LAN 128; ENG 206 or LAN 206; ENG 260, 261, 360; FCS 112; HIS 112 or SOC 112; HIS 261 or HIS 262 if not chosen to fulfill requirement; HIS 264, 330, 350; IDS 121A39; PHI 202; POL 225, 337, 338, 363; PSY 123 or SOC 123; PSY 305; SOC 264, 265, 311, 341, 342, 366; WGS 292, 390, 391, 392, 398.

NOTE: This program must be planned in consultation with the Women's and Gender Studies director or advisor. With their approval courses other than those listed above may be counted toward the minor.

Women's and Gender Studies Courses

120 GENDER, SEX, AND POWER SS 3 sem. hrs.

An interdisciplinary introduction to how gendered and other structures of domination shape societies; how individual and collective actions engage and transform these structures. May not be taken under the P/NP option. Formerly *WOMEN, GENDER AND SOCIETY*. Prerequisite: ENG 101 or COM 110 or concurrent registration.

292 INTRODUCTION TO LGBTQ STUDIES 3 sem. hrs.

Interdisciplinary introduction to lesbian, gay, bisexual, transgender, and queer studies. Topics include LGBTQ histories, social movements, politics, and cultures.

390 INTERDISCIPLINARY RESEARCH IN WOMEN'S AND GENDER STUDIES 1-6 sem. hrs.

Students will research and write on an interdisciplinary topic of their choice relevant to Women's and Gender Studies. Prerequisite: A detailed proposal approved by the Director or Assistant Director of Women's and Gender Studies.

391 WOMEN'S AND GENDER STUDIES SEMINAR 1-3 sem. hrs.

Intensive and critical examination of selected topics in women's and gender studies. May be repeated; maximum 6 hours.

392 QUEER AND TRANSGENDER THEORY 3 sem. hrs.

Research in the interdisciplinary field of LGBTQ Studies emphasizing how queer and transgender theory inform a variety of academic disciplines and discourses. Formerly *LESBIAN, GAY, BISEXUAL, TRANSGENDER/QUEER STUDIES AND THEORY*. Prerequisite: WGS 120 or consent of the instructor.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN WOMEN'S AND GENDER STUDIES 1-6 sem. hrs.

Supervised work experience in local, state, national, or international businesses, agencies, institutions, or organizations focusing on gender issues and their intersections with race, class, sexuality, and ability. May be repeated; maximum 6 hours. Prerequisites: 6 hours of Women's and Gender Studies and consent of the Director of Women's and Gender Studies.

BIOLOGICAL SCIENCES (BSC) 412

210 Julian Hall, (309) 438-3669

Website: Bio.IllinoisState.edu

Director: Craig Gatto.

Tenured/Tenure-track Faculty:

Distinguished Professors: Garris, Juliano, Sakaluk, Wilkinson.

Professors: Bowden, Gatto, Vogel.

Associate Professors: Byers, Capparella, Casto, Cook, Edwards, Kirik, Larson, Moore, Nichols, Perry, Rubin, Sedbrook, Stein.

Assistant Professors: Borowicz, Gougis, Hammond, A. Mortimer, N. Mortimer, Sadd, Vidal-Gadea.

General School Information

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

ASSOCIATED MINORS

The School of Biological Sciences offers course work that contributes to the interdisciplinary Minor in Cognitive Science. For further information on this minor and advisor, consult the Interdisciplinary Studies Programs section in this *Undergraduate Catalog*. The School also offers course work that contributes to the Minor in Environmental Studies. For further information on this minor and advisor, consult the Geography-Geology section of this *Undergraduate Catalog*.

HONORS IN BIOLOGICAL SCIENCES

In order to graduate with honors in Biological Sciences, a student must complete: (1) all regular requirements for the Biological Sciences Major; (2) CHE 230 and 231; (3) Mathematics through 2 semesters of calculus (MAT 145 and 146); (4) 12 hours of Biological Sciences on a tutorial basis (i.e., in-course honors) with a grade of A or B in each; (5) 3 hours of BSC 299; (6) 1 hour BSC 303; and (7) have at the time of graduation a cumulative GPA of at least 3.30 and at least 3.50 in Biological Sciences courses. A student must be in good standing with the University Honors Program at the time of graduation. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Biological Sciences Programs

Degrees Offered: B.S.

MAJOR IN BIOLOGICAL SCIENCES

- 37-40 hours in Biological Sciences required.
- Required courses for the major (* denotes laboratory courses): BSC 196*, 197*, 204.
- Students must complete one of the following sequences: General Biology; Conservation Biology; Physiology, Neuroscience and Behavior; Plant Biology; Zoology; Teacher Education.

General Biology Sequence

Majors selecting this sequence will receive broad training in the biological sciences. This sequence is designed for students seeking careers in any area of biology. This sequence will also prepare students for graduate studies in the Biological Sciences and/or post-baccalaureate professional schools. The minimum requirements for this sequence are:

- 38 total hours in Biological Sciences required.
- Required courses for the major (*denotes laboratory course): BSC 196*, 197*, and 204.
- Required courses for sequence: BSC 201*, 203, 219, 305.
- Students must choose two additional BSC courses with laboratories.
- Additional electives in Biological Sciences as needed to achieve the 38 hour minimum.
- Required courses outside of Biological Sciences: CHE 110 and 112 or CHE 140 and 141; either CHE 220, or CHE 230 and 231; either MAT 120 and 121, or MAT 145 and 146; and one of the following: PHY 105, 108 or 110.
- BSC 202, 307 and Biological Sciences courses below 195 may not be used in the major.
- A minimum of 12 hours in Biological Sciences courses must be completed at Illinois State University.

NOTE: One of the following may substitute for either MAT 121 or MAT 146: ECO 138, GEO 138, or PSY 138.

Conservation Biology Sequence

Biological Sciences majors selecting this sequence will receive broad training in conservation biology. This sequence is designed for students seeking careers in the conservation of natural ecosystems and their organisms (all levels of biodiversity). The coursework will also prepare students for graduate studies in conservation biology, and for internships and entry-level positions in conservation-oriented non-governmental organizations, state and federal government organizations, and environmental consulting firms. The minimum requirements for this sequence are:

- 38 hours in Biological Sciences required.
- Required courses for the major (*denotes laboratory course): BSC 196*, 197*, 204.

- Required courses for the sequence: BSC 201*, 219, 280, and 305.
- Elective courses structured across three Groups as follows:
 - One from the Conceptual Group: BSC 260*, 286, 295*, 311, 325, or 375 and 376*.
 - One from the Botany Taxon Group: BSC 211*, 212*, 223*, 330*, 333*.
 - One from the Zoology Taxon Group: BSC 292*, 294*, 296, 301*, 396*.
- Additional elective courses in Biological Sciences as needed to achieve the 38 hour minimum.
- Required courses outside of Biological Sciences: CHE 110 and 112 or CHE 140 and 141; either CHE 220, or CHE 230 and 231; either MAT 120 and 121, or MAT 145 and 146; and one of the following: PHY 105, 108 or 110.
- BSC 202, 307 and Biological Sciences courses below 195 may not be used in the major.
- A minimum of 12 hours in Biological Sciences courses must be completed at Illinois State University.

NOTE: One of the following may substitute for either MAT 121 or MAT 146: ECO 138, GEO 138, or PSY 138.

Physiology, Neuroscience and Behavior Sequence

Majors selecting this sequence will receive broad training in physiology, neuroscience and behavior. This sequence is designed for students seeking careers that involve basic scientific and applied aspects of behavior, physiology and neuroscience. This sequence will also prepare students for graduate studies in neuroscience, physiology and animal behavior and related fields, and with additional coursework, students can meet the requirements to apply to veterinary and health professional schools. The minimum requirements for this sequence are:

- 37 hours in Biological Sciences required.
- Required courses for the major (*denotes laboratory course): BSC 196*, 197*, 204.
- Required courses for sequence: BSC 283*, 286, 327, and 343.
- 15 hours minimum in sequence-related elective courses required, at least one of which must have an associated laboratory and no more than two of these electives satisfying this requirement may be from the Psychology courses identified here: BSC 201*, 203, 219, 260*, 290, 292*, 294, 295, 296, 301*, 305, 311, 325, 345, 350, 353, 354, 367*, 396*; PSY 253, 263, 350.
- Required courses outside of Biological Sciences: CHE 110 and 112 or CHE 140 and 141; either CHE 220, or CHE 230 and 231; either MAT 120 and 121, or MAT 145 and 146; and one of the following: PHY 105, 108 or 110.
- BSC 202, 307 and Biological Sciences courses below 195 may not be used in the major.
- A minimum of 12 hours in Biological Sciences courses must be completed at Illinois State University.

NOTE: One of the following may substitute for either MAT 121 or MAT 146: ECO 138, GEO 138, or PSY 138.

Plant Biology Sequence

Majors selecting this sequence receive broad training in plant biology. This sequence is designed for students seeking jobs with industries, the government and nonprofit organizations working with plants. This sequence will also prepare students for graduate studies in plant biology. The minimum requirements for this sequence are:

- 37 hours in Biological Sciences required.
- Required courses for the major (*denotes laboratory course): BSC 196*, 197*, 204.
- Required courses for the sequence: 212*, 219, 365.
- Elective courses as follows:
 - One course from the Conceptual Group: BSC 201*, 203, 260*, or 305.
 - Two courses from the Plant Group: BSC 211*, 223*, 330*, 333*, 335 and 336*, 346.
- Additional electives in Biological Sciences as needed to achieve the 37 hour minimum.
- Students must complete five Biological Sciences courses with laboratories (*).
- Research and internships enhance future prospects for employment and acceptance to graduate programs; hence students are strongly encouraged to pursue individual work via one of the following: 2 hours of BSC 287 Independent Study, 2 hours of BSC 398 Professional Practice (398 Biology, or 398A02 Internship in Public Outreach), or at least 3 hours of BSC 290 Research in Biological Sciences. Students are also encouraged to do a formal senior thesis (for more information see Biology.IllinoisState.edu/undergrad/thesis).
- Required courses outside of Biological Sciences: CHE 110 and 112 or CHE 140 and 141; either CHE 220, or CHE 230 and 231; either MAT 120 and 121, or MAT 145 and 146; and one of the following: PHY 105, 108 or 110.
- BSC 202, 307 and Biological Sciences courses below 195 may not be used in the major.
- A minimum of 12 hours in Biological Sciences courses must be completed at Illinois State University.

NOTE: One of the following may substitute for either MAT 121 or MAT 146: ECO 138, GEO 138, or PSY 138.

Zoology Sequence

Majors selecting this sequence will receive broad training in zoology. This sequence is designed for students seeking careers that involve working with animals. This sequence will also prepare students for graduate studies in Zoology and related fields (e.g., Entomology, Physiology, Wildlife Biology), and with additional coursework, students can meet the requirements to apply to veterinary and health professional schools. The minimum requirements for this sequence are:

- 40 hours in Biological Sciences required.
- Required courses for the major (*denotes laboratory course): BSC 196*, 197*, and 204.
- Required courses for the sequence: BSC 201*, 283*, 305.
- 7 hours minimum in organismal zoology electives, at least

- one with a laboratory: BSC 292*, 294, 296, 301*, 396*.
- 7 hours minimum in functional zoology electives, at least one with a laboratory: BSC 286, 295*, 325, 327, 343, 345, 367*.
- Additional electives in Biological Sciences as needed to achieve the 40 hour minimum.
- Required courses outside of Biological Sciences: CHE 110 and 112 or CHE 140 and 141; either CHE 220, or CHE 230 and 231; either MAT 120 and 121, or MAT 145 and 146; and one of the following: PHY 105, 108 or 110.
- BSC 202, 307 and Biological Sciences courses below 195 may not be used in the major.
- A minimum of 12 hours in Biological Sciences courses must be completed at Illinois State University.

NOTE: One of the following may substitute for either MAT 121 or MAT 146: ECO 138, GEO 138, or PSY 138.

MINOR IN BIOLOGICAL SCIENCES

Biological Sciences Sequence:

- 24 hours in Biological Sciences required.
- Required courses: BSC 196 and 197.
- At least 12 of the elective hours must be 200- or 300-level courses. **NOTE:** BSC 101 and 307 may not be used as electives in the minor.

MAJOR IN MOLECULAR AND CELLULAR BIOLOGY

- 72 total hours required.
- 37 hours in Biological Sciences.
- Required Biological Sciences courses (22 hours) BSC 196*, 197*, 203, 204, 219, 260*, 350 (*denotes laboratory courses).
- A minimum of 6 hours in 300-level Biological Sciences courses is required, selected from the following: BSC 329, 343, 345, 346, 351, 353*, 354*, 355, 361*, 365, 367*, 370.
- Students must pass five BSC courses with laboratories (*).
- 8-10 hours required in Physics: Either PHY 108 and 109 (10 hours), or PHY 110 and 111 (8 hours).
- 7-8 hours required in Mathematics: MAT 145 and 146. **NOTE:** One of the following may substitute for MAT 146: ECO 138, GEO 138, or PSY 138.
- 20 hours required in Chemistry: CHE 140, 141, 230, 231, 232, 233, 342. Advisor may substitute CHE 242 for 342.
- BSC 202, 307, and Biological Sciences courses below 195 may not be used in the major.
- A minimum of 12 hours in Biological Sciences must be completed at Illinois State University.

HONORS IN MOLECULAR AND CELLULAR BIOLOGY

In order to graduate with honors in Molecular and Cellular Biology, a student must complete (1) all regular requirements for the Molecular and Cellular Biology

Major; (2) Mathematics through 2 semesters of calculus; (3) 12 hours of Honors credit in Biological Sciences with a grade of A or B in each; (4) 3 hours of BSC 299; (5) 1 hour of BSC 303 Senior Thesis; and (6) have at the time of graduation a cumulative GPA of at least 3.30 and at least 3.50 in Biological Sciences courses.

MAJOR IN BIOLOGICAL SCIENCES TEACHER EDUCATION

The Biological Science Teacher Education major is designed to prepare students to teach secondary science.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Standards for Progress in the Major:

Before being admitted to the University Professional Studies program (see the University-Wide Teacher Education Program requirements in this *Undergraduate Catalog*), the Biological Sciences Teacher Education major must meet school requirements for admission. Students should consult the Teacher Education advisor for information and updated requirements.

To progress through the program in a timely manner, the teacher candidate must continuously maintain a minimum cumulative 2.50 GPA and a minimum major 2.50 GPA to remain academically eligible. In order to receive teaching licensure in the state of Illinois, majors must earn a grade of C or better in all courses required for state licensure.

Biological Sciences Teacher Education Program of Study:

- 89 total hours required.
- 40 hours in Biological Sciences required. A teacher education student must complete the option described as part of the entitlement program leading to Illinois Educator License with secondary 6-12 endorsement.
- Required major courses (27 hours): BSC 161, 196, 197, 201, 203, 204, 219, 231, 302, and 307.
- 13 hours of BSC electives are required, including two courses with laboratories.
- BSC 202 and Biological Sciences courses at the 100 level may not be used as electives in the major with the exceptions of BSC 161, 182, 196 and 197.
- Required science and math courses outside of Biological Sciences (23-24 hours): CHE 140 and 141; GEO 100; MAT 120 or 145; PHY 105 or 108; ECO 138, or GEO 138, or PSY 138.

- Professional Education requirements (26 hours): EAF 228 or 231, or 235; *PSY 215; TCH 212, 216, 219; and STT 399A03 (12 hours). *NOTE: PSY 110 is a prerequisite for PSY 215.
- A minimum of 12 hours in Biological Sciences courses must be completed at Illinois State University.

(NOTE: CHE 140, ECO 138, GEO 100, 138, MAT 120, 145, PHY 105, 108, and PSY 138 are courses that may also count toward General Education requirements. Only 3 hours of a 4 hour course may count towards General Education.)

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of a having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Biological Sciences Courses

101 FUNDAMENTAL CONCEPTS IN BIOLOGY NS 3 sem. hrs.

Learning and applying biological concepts in the areas of health, medicine, environment, and ethics. Not for credit major/minor. May not be taken under the P/NP option. Lecture, recitation, and lab. Materials charge optional.

101A01 FUNDAMENTAL CONCEPTS IN BIOLOGY - FOR FUTURE ELEMENTARY TEACHERS NS 3 sem. hrs.

This course is for future elementary teachers. Learning and applying biological concepts in the areas of health, medicine, environment, and ethics. Not for credit major/minor. May not be taken under the P/NP option. Lecture, recitation, and lab. Materials charge optional.

145 HUMAN BIOLOGY SMT 3 sem. hrs.

Study of human biology in the context of science, technology, and culture, emphasizing technological advances in medicine, disease prevention, and public health. Not for credit major. Prerequisites: COM 110 and ENG 101 and MAT 113, 120, 130, or 145.

160 MICROBIOLOGY AND SOCIETY SMT 4 sem. hrs.

Introduction to microorganisms, their diversity, and their impact on society as agents of disease, in the environment, and in useful applications. Lecture and lab. Not for credit major. Not for credit if had BSC 260. Materials charge optional. Prerequisites: COM 110 and ENG 101 and MAT 113, 120, 130, or 145.

161 INTRODUCTION TO TEACHING SCIENCE SEMINAR 2 sem. hrs.

Introduction to the nature of scientific inquiry and research-based skills in science teaching and learning. Prerequisites: Completion of either BSC 196 or 197 or equivalent; two semesters of college completed; Teacher Education major only.

170 GENETICS AND SOCIETY SMT 3 sem. hrs.

Overview of human heredity in the context of biology, society, and culture; impact on treatment of diseases, reproductive technology, agriculture, aging/longevity, and forensics. Not for credit major. Prerequisites: COM 110 and ENG 101 and MAT 113, 120, 130, or 145.

181 HUMAN PHYSIOLOGY AND ANATOMY I 4 sem. hrs.

Fundamentals of anatomy and physiology for students in Special Education, Health Education, Nursing, and Psychology. Lecture and lab. Materials charge optional. Not for credit major.

182 HUMAN PHYSIOLOGY AND ANATOMY II 4 sem. hrs.

Fundamentals of anatomy and physiology for students in nursing and other health related professions. Lecture and lab. Materials charge optional. Not for credit major. Prerequisite: BSC 181.

196 BIOLOGICAL DIVERSITY NSA
4 sem. hrs.

Introduction to structure and function of the major groups of microorganisms, plants, and animals, emphasizing evolutionary relationships among the major groups. Lecture and lab. Materials charge optional. May not be taken under the P/NP option.

197 MOLECULAR AND CELLULAR BASIS OF LIFE NSA
4 sem. hrs.

Introduction to molecules, processes, and cellular organization of living organisms. Lecture and lab. Materials charge optional. May not be taken under the P/NP option.

201 ECOLOGY
4 sem. hrs.

Interactions between organisms and their environment at the individual, population, community, and ecosystem levels of organization. Lecture, lab, and field trips. Materials charge optional. Prerequisites: BSC 196 and 197.

202 HUMAN ECOLOGY SMT
3 sem. hrs.

Ecological principles underlying biosphere functions, human influence on the biosphere, application of ecological principles to solving and avoiding environmental problems. Lecture. Not for credit major. Prerequisites: COM 110 and ENG 101 and MAT 113, 120, 130, or 145.

203 CELL BIOLOGY
3 sem. hrs.

Structure and function of cells with emphasis on protein structure-function, cell morphology, and cellular signaling. Prerequisites: BSC 196, 197; CHE 110 and 112 or 141.

204 BIOLOGICAL INVESTIGATIONS
1 sem. hr.

Introduction to how research is conducted, including designing experiments, biological literature, data analysis, communication of results, and impacts on society. Prerequisites: BSC 196 and 197.

205 HUMAN DEVELOPMENTAL BIOLOGY
4 sem. hrs.

Regulation of tissue and organ patterning during early human development. Materials charge optional. Prerequisites: BSC 196 and 197.

211 ECONOMIC BOTANY
4 sem. hrs.

Diversity, origins, and history of plant uses, concentrating on economically important plants of the world. Lecture and lab. Materials charge optional. Prerequisites: BSC 196 or AGR 150, and BSC 197.

212 PRINCIPLES OF BOTANY
4 sem. hrs.

An integrative approach to understanding plants, including their physiology, structure, development, genetics, evolution and ecology. Lecture, lab and field trips. Materials charge optional. Prerequisites: BSC 196 and 197.

219 GENETICS
3 sem. hrs.

Mechanisms of heredity and genetic variation, including gene structure and function, transmission genetics, mutation, and genetic analysis. Prerequisites: BSC 196 and 197.

220 LABORATORY IN MOLECULAR GENETICS AND CELL BIOLOGY
2 sem. hrs.

Use of current molecular biology techniques to investigate fundamental principles of heredity and cell biology. Lecture and lab. Materials charge optional. Prerequisites: BSC 203 and either BSC 219 or HSC 260 or concurrent registration.

223 ECOLOGY AND CONSERVATION OF PLANTS
4 sem. hrs.

Ecology, conservation, and taxonomy of vascular plants. Lecture and lab. *Formerly ECOLOGY AND IDENTIFICATION OF PLANTS.* Materials charge optional. Prerequisites: BSC 196 and 197.

231 LABORATORY METHODS IN TEACHING SCIENCE
2 sem. hrs.

Introduction to laboratory-based teaching skills in science, intended to prepare students for inquiry-based high school teaching activities. Materials charge optional. Prerequisites: BSC 161 or CHE 161; Teacher Education major only.

260 MICROBIOLOGY
4 sem. hrs.

Uniqueness, diversity, ecology, molecular biology, and practical applications of microorganisms. Lecture and lab. Materials charge optional. Prerequisites: CHE 220 or CHE 230 and 231 or concurrent registration and BSC 196 and 197.

280 CONSERVATION OF ANIMAL AND PLANT BIODIVERSITY
3 sem. hrs.

Principles of conservation biology applied to animal, plant and ecosystem biodiversity; nature preserve design; restoring ecosystems; case studies. Prerequisites: BSC 196 and 197.

283 ANIMAL PHYSIOLOGY
4 sem. hrs.

The physical and chemical basis of system physiology with reference to invertebrates and vertebrates. Lecture and lab. Materials charge optional. Prerequisites: BSC 196 and 197; CHE 110 and 112, or CHE 141; majors only; a minimum of 45 hours completed, or consent of the instructor.

286 ANIMAL BEHAVIOR
3 sem. hrs.

Mechanisms and adaptive significance of behavior. Emphasis is placed on understanding animal behavior in an evolutionary context. Lecture. Materials charge optional. Prerequisites: BSC 196 and 197.

290 RESEARCH IN BIOLOGICAL SCIENCES
1-3 sem. hrs.

Field and/or laboratory research in the biological sciences involving participation in the scientific process with faculty and graduate students. Students are expected to work (on average) a minimum of 3 hours per week for each hour of credit. May be repeated; maximum of 4 hours from BSC 287, 298A01, 290, 299, or 398 may be counted toward major requirements. Prerequisite: Consent of the instructor.

292 INVERTEBRATE ZOOLOGY
4 sem. hrs.

Diversity, phylogeny, comparative anatomy and physiology of invertebrate animals. Lecture and lab. Materials charge optional. Prerequisites: BSC 196 and 197.

150 Biological Sciences

293 INTRODUCTION TO UNDERGRADUATE RESEARCH
2 sem. hrs.

Preparation for research in the biological sciences. Prerequisites: Completion of BSC 204 and one of the following: BSC 201, 203, 212, 219, 260, 283; minimum 3.00 GPA; consent of the instructor.

294 EVOLUTION AND PHYSIOLOGY OF FISHES
3 sem. hrs.

The course will focus on the biology of non-tetrapod aquatic vertebrates and their adaptations to exploit various aquatic niches. Prerequisites: BSC 196 and 197; CHE 110 and 112, or CHE 141; majors only; junior or senior standing, or consent of the instructor.

295 COMPARATIVE VERTEBRATE ANATOMY
4 sem. hrs.

Evolution and comparative anatomy of vertebrates. Lecture and lab. Materials charge optional. Prerequisites: BSC 196 and 197.

296 MAMMALIAN BIOLOGY
3 sem. hrs.

Introduction to origins, evolution, structure-function complexes, adaptive radiation, ecology, reproductive strategies, behavior and conservation biology of mammals. Lecture. Prerequisites: BSC 196 and 197.

301 ENTOMOLOGY
4 sem. hrs.

Biology and taxonomy of insects. Lecture, lab, and field trips. Materials charge optional. Prerequisites: BSC 196, 197, and 201.

302 STUDENT TEACHING SEMINAR
1 sem. hr.

Student teachers reflect on their teaching through on-line and Web-based assignments as well as development of their professional portfolios. Prerequisite: Concurrent registration in STT 399A03.

303 SENIOR THESIS
1 sem. hr.

Preparation of a thesis based upon original research in the biological sciences. Prerequisites: BSC 204; a minimum 3 credit hours of BSC 290 or 299; a minimum 3.00 GPA, senior standing, and consent of the Assistant Director of Undergraduate Studies and faculty thesis advisor.

304 SENIOR SEMINAR IN BIOLOGY
1 sem. hr.

Oral and written reports on current topics in biology. Prerequisites: 2 of the following: BSC 201, 203, 212, 219, 260, 283.

305 BIOLOGICAL EVOLUTION
3 sem. hrs.

Origin of life, molecular evolution, mechanisms of evolutionary change, natural selection, speciation, and contemporary issues in evolutionary biology. Formerly BSC 297. Prerequisites: BSC 196 and 197; a minimum of 45 hours completed.

306 REGIONAL AND AREA STUDIES
1-9 sem. hrs.

Intensive on-site studies of organisms and their environments. Field work required. May be repeated if content is different. Prerequisite: Consent of the instructor.

307 METHODS IN THE TEACHING OF BIOLOGY
3 sem. hrs.

Strategies, curricula, and materials applicable to teaching secondary school science. Includes Clinical Experiences: 40 hours. Prerequisites: TCH 216 or equivalent; Admission to Professional Studies.

310 SENIOR SEMINAR IN MOLECULAR AND CELLULAR BIOLOGY
1 sem. hr.

Finding, analyzing, and communicating scientific literature through written or oral presentations, with focus on current topics in molecular and cellular biology. Formerly *BIO-CHEMISTRY/MOLECULAR BIOLOGY SEMINAR*. Prerequisites: BSC 197, 203 and 219.

311 RAIN FOREST ECOLOGY
3 sem. hrs.

Introduction to the natural history and ecology of rain forests; intensive tropical field work and investigative learning. Foreign travel and field work required. Formerly *BSC 306.08 REGIONAL AND AREA STUDIES: COSTA RICAN RAIN FOREST*. Prerequisites: BSC 201 and consent of the instructor.

325 ECOLOGICAL PHYSIOLOGY OF ANIMALS
3 sem. hrs.

Exploration of the physiological adaptations animals have evolved in response to habitat variation. Prerequisites: BSC 196 and 197; a minimum of 45 hours completed.

327 HORMONES, BRAIN AND BEHAVIOR
3 sem. hrs.

Exploration of relationships among hormones, brain, and behaviors associated with reproduction, aggression, stress, parenting, affiliation, homeostasis and development in animals. Prerequisite: BSC 283 or 286 or consent of the instructor.

329 HUMAN GENETICS
3 sem. hrs.

Detection, expression, transmission, and molecular manipulation of human traits; emphasis on medical genetics. Prerequisites: BSC 203 and 219.

330 BIOLOGY OF ALGAE
4 sem. hrs.

Origin, evolution, diversity, systematics, cell biology, biogeochemistry, physiology, and ecology of terrestrial, freshwater, and marine algae. Lecture and lab. Formerly *PHYCOLOGY*. Prerequisite: One of the following: BSC 201, 203, 212, 219, 260, or consent of the instructor.

333 PLANT DIVERSITY
4 sem. hrs.

History and diversity of plants and other green organisms covering major events, groups of organisms, and their phylogenetic relationships. Lecture and lab. Formerly BSC 222. Prerequisite: One of the following: BSC 211, 212, 223; or graduate standing.

335 PLANT TAXONOMY
3 sem. hrs.

Classification taxonomy, and phylogeny of seed plants; distinguishing characteristics of major groups; use of botanical nomenclature and reference materials. Prerequisites: One of the following: BSC 211, 212, 223; concurrent registration in BSC 336.

336 LABORATORY IN PLANT IDENTIFICATION**1 sem. hr.**

Plant identification; identification tools and methods; descriptive morphology and terminology; field identification of flowering plants and major plant families; specimen collection, documentation, and curation. Prerequisite: Concurrent registration in BSC 335.

343 INTRODUCTION TO NEUROBIOLOGY**3 sem. hrs.**

Cellular and molecular aspects of neuronal function; neurotransmitter families; central nervous system development, anatomy and function; and neuropathology. Prerequisites: BSC 196 and 197 or consent of the instructor.

345 INTRODUCTION TO ENDOCRINOLOGY**3 sem. hrs.**

Cellular and molecular coordination of tissues which secrete chemical compounds to regulate growth, reproduction, metabolism, and ion homeostasis. Prerequisite: BSC 203 or consent of the instructor.

346 DEVELOPMENTAL BIOLOGY**3 sem. hrs.**

Molecular mechanisms of cell differentiation and tissue patterning during embryonic and post-embryonic development in different organisms. Formerly *DEVELOPMENTAL BIOLOGY OF ANIMALS*. Prerequisites: BSC 203 or consent of the instructor. BSC 219 is recommended.

350 MOLECULAR BIOLOGY**3 sem. hrs.**

DNA structure and replication, the Genetic Code, transcription, translation, genetic regulation, RNA splicing, and transposons. Prerequisites: BSC 203, 219; CHE 220, or 230 and 231. CHE 242 or 342 is recommended.

351 CELL SIGNALING AND REGULATION**3 sem. hrs.**

Molecular mechanisms by which cells communicate and make decisions. Includes signal transduction pathways; regulation of cell form, growth, division, differentiation. Prerequisites: BSC 197 and 203.

353 BIOTECHNOLOGY LABORATORY I:**DNA TECHNIQUES****3 sem. hrs.**

Application and theory of molecular techniques using prokaryotic systems, including DNA and protein analysis, DNA cloning and bacterial genetics. Lecture and lab. Material charge optional. Prerequisites: BSC 219; CHE 220 or CHE 230-232.

354 BIOTECHNOLOGY LABORATORY II:**CELL BIOLOGY TECHNIQUES****3 sem. hrs.**

Applications and theory of cell biology to study eukaryotic systems using biochemistry, cell culture, and immunology techniques. Lecture and lab. Materials charge optional. Prerequisites: BSC 203 required; CHE 220 or CHE 230-232 is recommended.

355 GENOMICS AND BIOINFORMATICS**3 sem. hrs.**

Concepts and practice of genome sequencing and analysis, postgenomic applications and bioinformatics. Prerequisites: BSC 203 and 219.

361 MICROBIAL PATHOGENS**4 sem. hrs.**

Pathogenesis, identification, cultivation, and classification of bacteria, viruses, fungi, and animal parasites associated with diseases of man. Lecture and lab. Materials charge optional. Prerequisites: BSC 203 and 260.

365 BIOENERGY PLANT/MICROBE BIOLOGY AND THE ENVIRONMENT**3 sem. hrs.**

The molecular, cellular, and organismal biology of microbes and plants as a source of alternate energy and associated global change. Prerequisite: One of the following: BSC 201, 203, 212, 219, 260, or consent of the instructor.

367 IMMUNOLOGY**4 sem. hrs.**

Molecular, cellular, transplantation and tumor immunology; antimicrobial immunity; immunochemistry. Lecture and lab. Materials charge optional. Prerequisite: BSC 203.

370 TOPICS IN MOLECULAR AND CELLULAR BIOLOGY**3 sem. hrs.**

In-depth investigation of a current area of research within molecular and cellular biology. May be repeated for credit if content is different. Prerequisites: BSC 197, 203, 219.

370A01 GENETICS OF BEHAVIOR**3 sem. hrs.**

The course examines the primary scientific literature to understand how different genes and environmental factors influence the behaviors of a variety of organisms. Prerequisites: BSC 197, 203, 219.

370A02 MOLECULAR AND CELLULAR BASIS OF HUMAN PATHOPHYSIOLOGY**3 sem. hrs.**

This course provides the student with knowledge of the basic molecular and cellular mechanisms underlying human pathophysiological processes. Prerequisites: BSC 196 and 197. BSC 203, 219, or 283 are recommended.

375 STREAM ECOLOGY LECTURE**3 sem. hrs.**

Introduction to the structure and function of stream ecosystems examining hydrology, geomorphology, chemistry, and ecology of stream ecosystems. Prerequisites: BSC 196, 197; a minimum of 45 hours completed, or consent of the instructor.

376 STREAM ECOLOGY LABORATORY**1 sem. hr.**

The integration of the geology, chemistry, zoology, and ecology of flowing waters and their conservation and restoration. Materials charge optional. Prerequisite: Concurrent registration in BSC 375.

396 AVIAN BIOLOGY**4 sem. hrs.**

Origin, evolution, diversity, systematics, biogeography, morphology, physiology, ecology, behavior, and conservation biology of birds. Lecture, lab, and field trips. Materials charge optional. Prerequisites: BSC 196 and 197.

398 PROFESSIONAL PRACTICE: BIOLOGY

1-6 sem. hrs.

Practical experience through employment in agencies such as biological research facilities, zoological or botanical gardens, game reserves, or environmental service. One credit per 50-60 hours of work experience. CR/NC only. May be repeated; maximum 16 hours Professional Practice; no more than 4 hours from BSC 287, 290, 298A01, 299, or 398 may be counted toward major requirements. Prerequisites: A minimum of 45 hours completed in BSC with a 2.50 GPA in all natural sciences; consent of the Professional Practice advisor.

**398A02 PROFESSIONAL PRACTICE: INTERNSHIP
IN PUBLIC OUTREACH**

1-6 sem. hrs.

Practical first-hand experience in educating the general public about science at a botanical garden or arboretum, aquarium, park, nature center, museum, zoo, or similar facility. One credit hour per 50-60 hours of outreach experience. CR/NC only. May be repeated; maximum of 6 hours Internship in Public Outreach; no more than 4 hours from BSC 290, 298A01, 299, 305, or 398 may be counted toward major requirements. Prerequisites: A minimum of 45 hours completed in BSC major with a 2.50 GPA in all natural sciences and enrolled in Conservation Biology, Plant Biology, or Zoology sequence. Consent of the department Professional Practice internship supervisor.

CHEMISTRY (CHE) 416

214 Julian Hall, (309) 438-7661

Website: Chemistry.IllinoisState.edu

Chairperson: Craig C. McLauchlan.

Tenured/Tenure-track Faculty:

Distinguished Professor: Lash.

Professors: Baur, Ferrence, Friesen, Hitchcock, Hunter, Jones, McLauchlan, Nagorski, Standard, Szczepura.

Associate Professors: Hamaker, Kim, Mulligan, Peters, Quandt.

Assistant Professors: Boesdorfer, Driskell, Mitchell, Sullivan.

General Department Information

The Department of Chemistry is on the approved list of the American Chemical Society. Contact the department for specific certification requirements.

HONORS IN CHEMISTRY

Students majoring in Chemistry may be admitted to the Departmental Honors Program if they have (1) prior admission to the University Honors Program, (2) completed at least 30 hours of college-level courses, including at least 2 courses in Chemistry, (3) a cumulative GPA of 3.30, and (4) applied for admission to departmental honors to the Chemistry chairperson or honors advisor and received approval for admission into the program.

In order to graduate with honors in Chemistry, a student must complete (1) all regular requirements for the Major in Chemistry including PHY 110 and 111, (2) 5 hours of CHE 290 and/or 299, of which at least 3 hours are CHE 299, (3) a research presentation at a university, regional, or national/international conference or symposium; (4) a minimum of four of the following courses: CHE 301, 315, 318, 344, 350, 362, 380; (5) IT 165, 168; MAT 147, 175, or 3 hours in non-Chemistry SMT courses numbered 200 or higher. Students in the Chemistry Teacher Education Sequence may substitute a capstone experience in chemical education for two of the credit hours of CHE 290/299 with the approval of the department. In addition, a student must have at the time of graduation a cumulative GPA of at least 3.30 and at least 3.50 in Chemistry courses, fulfill the general requirements for participation in the University Honors Program, be in the University Honors Program for at least three semesters, and be in good standing in the University Honors Program at the time of graduation. Further details about the University Honors program are available at: Honors.IllinoisState.edu

Chemistry Programs

Degrees Offered: B.S.

MAJOR IN CHEMISTRY

- 45 hours required in Chemistry, including at least 37 hours in courses numbered 200 or higher.
- 32 hours of required core courses: CHE 140, 141, 215,

- 216, 230, 231, 232, 233, 250, 251, 342, 360, 361.
- 9 hours in advanced courses required, selected from the following: CHE 315, 344, 350, 362.
- 4 advanced laboratory courses required: CHE 316, 343, 351, 363. One hour of undergraduate research (CHE 290 or 299) or coop/internship (CHE 398A01 or 398A50) may substitute for one of these courses.
- 1 year of physics, preferably PHY 110 and 111, and 1 year of calculus (through MAT 146) must be completed prior to enrolling in CHE 360.
- Chemistry electives: The department strongly recommends that students take at least 6 hours of advanced electives in chemistry. Advising options for various career objectives are available from the department office and on the department website.
- A course in the major may not be taken more than twice unless the course description states “may be repeated.” An exception may be requested once during a student’s undergraduate career if the GPA in the major plan and the overall GPA is 2.00 or higher.
- A grade of C or better is required in all the following Chemistry courses: CHE 140, 141, 215, 216, 230, 231, 232, 250, 251, 342, 360, 361.
- Students completing this degree program with a grade of C or better in all required Chemistry courses will earn an American Chemical Society Certified Degree.

Chemistry Teacher Education Sequence:

- 49 hours required in Chemistry, including at least 39 hours in courses numbered 200 or higher. A Teacher Education student must complete the option described as part of the entitlement program leading to endorsement: secondary 6-12.
- 32 hours of core Chemistry courses required: CHE 140, 141, 215, 216, 230, 231, 232, 233, 250, 251, 342, 360, 361.
- 9 hours of Chemistry teacher education courses required: CHE 161, 301 (3 hours), 302.
- 6 hours of advanced courses required, selected from the following: CHE 315, 344, 350, 362.
- 2 advanced laboratory courses required, selected from the following: CHE 316, 343, 351, 363. One hour of undergraduate research (CHE 290 or 299) may substitute for one of these courses.
- 1 year of physics, preferably PHY 110 and 111, and 1 year of calculus (through MAT 146) must be completed prior to enrolling in CHE 360.
- Professional Education requirements (25 hours): EAF 228, 231, or 235; PSY 110, 215; TCH 212, 216, 219; STT 399A73 (8 hours). NOTE: PSY 110 is a prerequisite for PSY 215.
- Science competency courses (11 hours): BSC 197; GEO 100; PHY 205; or equivalent.
- A course in the major may not be taken more than twice unless the course description states “may be repeated.” An exception may be requested once during a student’s undergraduate career if the GPA in the major plan and overall GPA is 2.00 or higher.
- A grade of C or better is required in the following Chemistry courses: CHE 140, 141, 215, 216, 230, 231,

154 Chemistry

- 232, 250, 251, 342, 360, 361.
- For teaching licensure, a grade of C or better is required in all endorsement areas (including calculus, physics, and science competency courses), Chemistry, and Professional Education courses.
- Students completing the Chemistry Teacher Education Sequence must have a 2.50 or higher GPA in Chemistry, a 2.50 or higher GPA in Professional Education courses, and a cumulative GPA of 2.50 or higher.
- The following course is strongly recommended: SED 101.
- Students successfully completing this sequence will earn an American Chemical Society Certified Degree.

MINOR IN CHEMISTRY

- 21 hours required in Chemistry, including at least 13 hours in courses numbered 200 or higher excluding CHE 204.
- Required courses: CHE 140, 141; 215 and 216 or 250 and 251; 220 or 230 and 231.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of a having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact

- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Biochemistry Program

Degree Offered: B.S.

MAJOR IN BIOCHEMISTRY

- 45 hours required in Chemistry, including at least 37 hours in courses numbered 200 or higher.
- Required Chemistry courses (41 hours): CHE 140, 141, 215, 216, 230, 231, 232, 233, 250, 251, 342, 343, 344, 360, 361, 372, 373.
- 3 hours in advanced Chemistry courses required, selected from the following: CHE 315, 350.
- 1 hour in advanced Chemistry laboratory courses required, selected from the following: CHE 316, 351; one hour of undergraduate research (CHE 290 or 299) or coop/internship (CHE 398A01 or 390A50) may substitute for one of these courses.
- 14 hours required in Biological Sciences: BSC 196, 197, 203, 219.
- 1 year of Physics, preferably PHY 110 and 111, and 1 year of Calculus (through MAT 146) must be completed prior to enrolling in CHE 360.
- Biochemistry electives: The department strongly recommends that students take at least 6 hours of advanced electives. Advising options for various career objectives are available from the department office and on the department website.
- A course in the major may not be taken more than twice unless the course description states “may be repeated.” An exception may be requested once during a student’s undergraduate career if the GPA in the major plan and overall GPA is 2.00 or higher.
- A grade of C or better is required in the following Chemistry courses: CHE 140, 141, 215, 216, 230, 231, 232, 250, 251, 342, 360, 361.
- Students completing this degree program with a grade of C or better in all required Chemistry courses will earn an American Chemical Society Certified Degree.

Chemistry Courses

102 CHEMISTRY AND SOCIETY NS 3 sem. hrs.

Selected topics from chemistry and science in general, and illustration of relevance of chemistry and other sciences in today’s world. Lectures, demonstrations, recitation, and lab. Lecture and lab. Open only to students with no college credit in chemistry. May not be taken under the P/NP option. Materials charge optional.

**110/112 FUNDAMENTALS OF CHEMISTRY
AND LABORATORY NSA
4/1 sem. hrs.**

Introductory survey of fundamental concepts, laws, and theories of chemical science and their application to common chemical systems. Not for credit if had CHE 141. May not be taken under the P/NP option. Materials charge optional for CHE 112. Prerequisites: CHE 110 or concurrent registration required for CHE 112.

**140 GENERAL CHEMISTRY I NSA
4 sem. hrs.**

Introduction to stoichiometry, thermochemistry, atomic structure, molecular structure and bonding, chemical equilibrium and kinetics with applications to gases, solids, liquids, and solutions. First half of a 2-semester sequence. Lecture and lab. May not be taken under the P/NP option. Materials charge optional. Prerequisites: Designed primarily for students with high school credit in chemistry. Grade of C or better in MAT 119; or grade of C or better or concurrent registration in MAT 120 or 144 or 145; or consent of the Department of Chemistry.

**141 GENERAL CHEMISTRY II
4 sem. hrs.**

Continuation of CHE 140. Introduction to chemical equilibrium and kinetics with applications to gases, solids, liquids, and solutions; acid-base equilibria; electrochemistry; nuclear chemistry; and coordination compounds. Lecture and lab. Materials charge optional. Prerequisite: CHE 140; Grade of C or better in CHE 140 required for Chemistry and Biochemistry majors.

**161 INTRODUCTION TO TEACHING
SCIENCE SEMINAR
2 sem. hrs.**

Introduction to the nature of scientific inquiry, and research-based skills in science teaching and learning. Also offered as BSC 161. Prerequisites: Grade of B or better in CHE 110, CHE 140 or equivalent. Teacher Education major only.

**204 CHEMISTRY OF LIFE SMT
3 sem. hrs.**

Application of chemical principles to the understanding of life processes and exploration of classes of molecules important in everyday life. Lectures, demonstrations and lab. Not for credit major or minor. Prerequisites: COM 110 and ENG 101 and MAT 113, 120, 130, or 145; CHE 102 or 1 year high school chemistry. BSC 101 or equivalent recommended.

**215 ANALYTICAL CHEMISTRY
3 sem. hrs.**

Introduction to analytical chemistry emphasizing quantitative measurements with classical, optical, chromatographic, mass spectrometric, and electrochemical techniques. Includes sampling and statistics. Formerly *FUNDAMENTALS OF ANALYTICAL CHEMISTRY*. Prerequisites: CHE 141 and 220 or 230; grade of C or better in CHE 141 and 230 is required for Chemistry and Biochemistry majors.

**216 ANALYTICAL CHEMISTRY LABORATORY
1 sem. hr.**

Laboratory practice of the principles treated in Analytical Chemistry. Materials charge optional. Prerequisite: CHE 215 or concurrent registration.

**220 ELEMENTARY ORGANIC CHEMISTRY
5 sem. hrs.**

One-semester survey of organic chemistry. Fundamental principles of structure and mechanisms of organic reactions. Lecture and lab. Not for credit if had CHE 230. For non-majors; recommended for Agriculture, Family and Consumer Sciences, Health Sciences, Nursing, and others. Materials charge optional. Prerequisite: CHE 112 or 141.

**230 ORGANIC CHEMISTRY I
3 sem. hrs.**

Introduction to chemistry of aliphatic and aromatic organic compounds. First half of a 2-semester sequence. Not for credit if had CHE 220. Prerequisite: CHE 141; grade of C or better in CHE 141 is required for Chemistry and Biochemistry majors. No credit will be granted in CHE 230 until credit is earned in CHE 231.

**231 ORGANIC CHEMISTRY LABORATORY
1 sem. hr.**

Laboratory practice illustrating preparations and reactions typical of functional groups. First half of a 2-semester sequence. Materials charge optional. Prerequisites: CHE 141; grade of C or better in CHE 141 is required for Chemistry and Biochemistry majors. Concurrent registration in CHE 230. No credit will be granted in CHE 231 until credit is earned in CHE 230.

**232 ORGANIC CHEMISTRY II
3 sem. hrs.**

Continuation of Chemistry 230, including synthetic and mechanistic features of organic reactions. Prerequisite: CHE 230; grade of C or better in CHE 230 required for Chemistry and Biochemistry majors.

**233 ORGANIC CHEMISTRY LABORATORY II
2 sem. hrs.**

Laboratory practice in newer techniques and methods of organic chemistry. Materials charge optional. Prerequisites: CHE 231; Grade of C or better in CHE 231 required for Chemistry and Biochemistry majors. Concurrent registration in CHE 232.

**242 BASIC BIOCHEMISTRY
3 sem. hrs.**

Introduction to the chemistry of carbohydrates, lipids, proteins, nucleic acids and enzymes. Brief treatment of vitamins and intermediary metabolism. Not for credit if had CHE 342. Prerequisite: One semester of organic chemistry.

**250 FUNDAMENTALS OF INORGANIC
CHEMISTRY
3 sem. hrs.**

Survey of modern inorganic chemistry including structure of inorganic compounds, coordination chemistry, nonaqueous solvents and selected descriptive chemistry. Formerly *DESCRIPTIVE INORGANIC CHEMISTRY*. Prerequisite: Grade of C or better in CHE 220 or C or better in CHE 230.

**251 FUNDAMENTALS OF INORGANIC
CHEMISTRY LABORATORY
1 sem. hr.**

Fundamental experiments in inorganic chemistry, including methods of characterizing inorganic compounds. Specific experiments and techniques will vary. Materials charge optional. Prerequisite: CHE 250 or concurrent registration.

290 RESEARCH IN CHEMISTRY**1-2 sem. hrs.**

CR/NC only. May be repeated; maximum 6 hours; only 3 hours are applicable toward the minor. Prerequisites: 17 hours of Chemistry or consent of the Department of Chemistry; Department form must be completed prior to registration.

301 TEACHING OF CHEMISTRY**3 sem. hrs.**

Modern methods and curricula of high school chemistry. Includes Clinical Experiences: 35 hours. Prerequisites: 17 hours of Chemistry and completion of Teacher Education Gateway 1. Chemistry Teacher Education major only. Grade of C or better in TCH 216 or PSY 215 or concurrent registration.

302 STUDENT TEACHING AND PROFESSIONAL SEMINAR**4 sem. hrs.**

A weekly seminar in which students exchange information and share reflections during and after student teaching. Prerequisites: CHE 301 and STT 399A73 concurrent registration. Chemistry Teacher Education major only.

310 BIOCHEMISTRY/MOLECULAR BIOLOGY SEMINAR**1 sem. hr.**

Introduction to scientific literature searching and techniques of oral and written scientific communication, focusing on current topics in biochemistry/molecular biology. Prerequisites: BSC 197, BSC 203 or 219; CHE 215; 342.

315 INSTRUMENTAL ANALYSIS**3 sem. hrs.**

Modern instrumental methods of chemical analysis including electroanalytical, spectroscopic, chromatographic, mass spectrometric, surface analytical, and bioanalytical methods. Prerequisites: CHE 215 and 360. Grade of C or better in CHE 215 and 360 required for Chemistry and Biochemistry majors.

316 INSTRUMENTAL ANALYSIS LABORATORY**1 sem. hr.**

Laboratory practice of the principles treated in Instrumental Analysis. Materials charge optional. Prerequisites: CHE 216 and 315 or concurrent registration; grade of C or better in CHE 216 for Chemistry and Biochemistry majors.

318 METHODS OF COMPUTATIONAL SCIENCE**3 sem. hrs.**

Introduction of a wide variety of computational techniques and their application to problems in chemistry and physics. Also offered as PHY 318. Prerequisites: CHE 140; IT 165; PHY 109 or 111; CHE 360 or PHY 220 or concurrent registration or consent of the instructor.

342 GENERAL BIOCHEMISTRY I**3 sem. hrs.**

Survey of the structure-function relationships of proteins, carbohydrates, lipids and nucleic acids, dynamic equilibria, energetics, reaction kinetics/mechanisms and metabolism. Not for credit if had CHE 242. Not for credit in Master of Science in Chemistry. Prerequisite: Grade C or better in CHE 232 or 1 year of organic chemistry or consent of the instructor.

343 BIOCHEMISTRY LABORATORY**2 sem. hrs.**

Application of biochemical principles and methods discussed in Chemistry 342. Lecture and lab. Materials charge optional. Prerequisite: CHE 242 or 342 or concurrent registration.

344 GENERAL BIOCHEMISTRY II**3 sem. hrs.**

Survey of important aspects of intermediary metabolism, metabolic regulation, membrane transport and bioenergetics. Topics will include hormonal controls and immunological response. Prerequisite: Grade of B or better in CHE 242 or grade of C or better in CHE 342.

350 ADVANCED INORGANIC CHEMISTRY**3 sem. hrs.**

Advanced inorganic chemistry including modern bonding theories, spectroscopy, structures and reactivity of coordination, main-group and transition-metal compounds; selected special topics. Formerly *INORGANIC CHEMISTRY*. Prerequisites: MAT 146; PHY 109 or 111; grade of C or better in CHE 232 and 250 required for Chemistry and Biochemistry majors.

351 ADVANCED INORGANIC CHEMISTRY LABORATORY**1 sem. hr.**

Advanced experiences in modern synthesis and quantitative characterization of inorganic compounds and materials. Specific experiments and techniques will vary. Materials charge optional. Formerly *INORGANIC CHEMISTRY LABORATORY*. Prerequisite: CHE 251; CHE 350 or concurrent registration.

360 PHYSICAL CHEMISTRY I**3 sem. hrs.**

Physical chemistry topics including descriptions of gases, liquids, solutions, thermochemistry, thermodynamics, chemical and phase equilibrium, kinetic theory, and chemical kinetics. Prerequisites: CHE 141; grade of C or better in CHE 141 is required for Chemistry and Biochemistry majors; PHY 109 or 111; 8 hours of CHE or PHY courses numbered 200 or higher; MAT 146.

361 PHYSICAL CHEMISTRY LABORATORY I**1 sem. hr.**

Laboratory applications of principles treated in physical chemistry. Materials charge optional. Prerequisite: CHE 360 or concurrent registration.

362 PHYSICAL CHEMISTRY II**3 sem. hrs.**

Continuation of CHE 360, including introduction to quantum theory, atomic and molecular applications of quantum mechanics, spectroscopy, and statistical thermodynamics. Prerequisite: CHE 360; grade of C or better in CHE 360 is required for Chemistry and Biochemistry majors.

363 PHYSICAL CHEMISTRY LABORATORY II**1 sem. hr.**

Laboratory studies related to principles of physical chemistry with emphasis on quantum mechanics and spectroscopy. Materials charge optional. Prerequisites: CHE 361; 362, or concurrent registration. Grade of C or better in CHE 361 is required for Chemistry and Biochemistry majors.

372 PHYSICAL BIOCHEMISTRY**3 sem. hrs.**

Exploration of biochemical systems through the use of thermodynamics, kinetics, and spectroscopy. Prerequisites: CHE 342 and 360 or consent of the instructor; grade of C or better in both CHE 342 and 360 is required for Biochemistry majors.

373 PHYSICAL BIOCHEMISTRY LABORATORY**1 sem. hr.**

Introduction to experimental techniques in physical chemistry with emphasis on biochemical processes. Materials charge optional. Prerequisites: CHE 361; grade of C or better in CHE 361 is required for Biochemistry majors. CHE 372 or concurrent registration.

380 TOPICS IN CONTEMPORARY CHEMISTRY**1-3 sem. hrs.**

New concepts and recent developments in the fields of organic, chemical education, inorganic, analytical, physical, and biochemistry. May be repeated if content differs. Prerequisites: CHE 232. Certain topics may also require CHE 301, 342, 360 or 362. Grade of C or better in CHE 232 (and CHE 360 if prerequisite) is required for Chemistry and Biochemistry majors. Contact the Department to see which of the following topics are available.

380A11 STRUCTURAL DETERMINATION IN CHEMISTRY**3 sem. hrs.**

An intermediary level course concerning the application of spectroscopic techniques to the structure determination of organic compounds. Prerequisite: CHE 232.

380A15 MAGNETIC RESONANCE**3 sem. hrs.**

This course covers essential concepts and principles in Nuclear Magnetic Resonance (NMR) and Electron Paramagnetic Resonance (EPR) spectroscopies. In EPR, the similarities and differences to NMR will be looked at. Prerequisite: CHE 233. CHE 362 is recommended.

380A23 POLYMER CHEMISTRY**3 sem. hrs.**

Principles and applications of current nanoscience and polymer chemistry. Prerequisite: CHE 360 or consent of the instructor.

380A28 ISSUES IN CHEMICAL EDUCATION**3 sem. hrs.**

Prerequisite: CHE 232.

380A37 COMPUTATION OF MOLECULAR PROPERTIES**3 sem. hrs.**

This course provides an introduction to common techniques employed in computational chemistry. Emphasis is placed on molecular mechanics and molecular dynamics along with methods of molecular orbital theory. Prerequisite: CHE 360.

380A41 BIOLOGICAL CATALYSTS**3 sem. hrs.**

This course focuses on the biological catalysts that make life possible. Students will evaluate thermodynamic and kinetic aspects, structure, biological function and regulation of enzymes. Prerequisite: CHE 342 or equivalent.

380A45 X-RAY DIFFRACTOMETRY**3 sem. hrs.**

Advanced study in the area of X-ray Crystallography. Prerequisite: CHE 362 or concurrent registration.

380A48 ADVANCED CHEMISTRY CURRICULUM AND PEDAGOGY**3 sem. hrs.**

Survey of chemistry education research as it pertains to secondary school classrooms. A particular emphasis will be to connect chemical education research to chemistry content of the Illinois Learning Standards. Prerequisites: CHE 301 or equivalent. Consent of the instructor.

380A52 HOMOGENOUS CATALYSIS**3 sem. hrs.**

This course will introduce topics in homogenous catalysis. Students will have the basic knowledge to understand the reactions discussed throughout the semester, multiple bonds and carbon-carbon bond formation. Prerequisite: CHE 232 or equivalent.

380A54 CARBOHYDRATES**3 sem. hrs.**

This course is an overview of the physical, chemical, and biochemical aspects of simple and complex carbohydrates. Prerequisite: CHE 342 or equivalent.

380A59 ATMOSPHERIC CHEMISTRY**3 sem. hrs.**

New concepts in recent developments in the fields of organic chemical education, inorganic, analytical, physical, and biochemistry. Prerequisites: Grade of C or better in CHE 232.

398 PROFESSIONAL PRACTICE: CHEMISTRY**1-16 sem. hrs.**

Practical experience by employment in an industrial or governmental laboratory. May be repeated; maximum 16 hours; no more than 4 hours/semester may be used to meet graduation requirements. CR/NC only. May be 2 to 5 periods of 1 term each. Prerequisites: Grade of C or better in CHE 232 and 233 or equivalent. A minimum of 45 hours completed. 2.50 GPA.

398A01 PROFESSIONAL PRACTICE: INTERNSHIP IN CHEMISTRY**1-16 sem. hrs.**

Practical experience by employment in an industrial or governmental laboratory. May be repeated; maximum 16 hours; no more than 4 hours/semester may be used to meet graduation requirements. CR/NC only. May be 2 to 5 periods of 1 term each. Prerequisites: Grade of C or better in CHE 232 and 233 or equivalent. A minimum of 45 hours completed. 2.50 GPA.

398A50 PROFESSIONAL PRACTICE: COOP IN CHEMISTRY**1-16 sem. hrs.**

Practical experience by employment in an industrial or governmental laboratory. May be repeated; maximum 16 hours; no more than 4 hours/semester may be used to meet graduation requirements. CR/NC only. May be 2 to 5 periods of 1 term each. Prerequisites: Grade of C or better in CHE 232 and 233 or equivalent. A minimum of 45 hours completed. 2.50 GPA.

COMMUNICATION (COM) 448**434 Fell Hall, (309) 438-3671****Website: Communication.IllinoisState.edu****Email: Communication@IllinoisState.edu****Director:** Stephen Hunt.**Tenured/Tenure-track Faculty:***Professors:* Baldwin, Blaney, Hunt, Kang, B. Simonds, C. Simonds, Zompetti.*Associate Professors:* Chidester, Courtright, Glascock, Huxford, Lippert, McHale, Meyer, Moore, Smudde.*Assistant Professors:* Bratslavsky, Carr, Davis, Hayes, Hooker, Hopper, Miller-Ott.**General Information****INTERDISCIPLINARY MINORS**

The School of Communication participates in a number of interdisciplinary minors at the University. Course work offered by the School contributes to the following minors: Civic Engagement and Responsibility, Cognitive Science, Ethnic Studies, and International Studies. For further information on these minors and their advisors, please consult the Interdisciplinary Studies Programs section in this *Undergraduate Catalog*.

HONORS IN COMMUNICATION

The School of Communication offers students an opportunity to demonstrate outstanding achievement in the study of communication by means of participation in the School Honors Program. The School also offers in-course honors work in all its courses at the discretion of the instructor for students enrolled in the Honors Program. Qualified students are encouraged to inquire about admission by contacting the School Honors coordinator. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Communication Studies Programs

Degrees Offered: B.A., B.S.

MAJOR IN COMMUNICATION STUDIES

- 45 hours required.
- Required courses (24 hours): COM 100 (1 hour), 111, 123, 210, 223, 229, 272, 297, 388 (2 hours).
- Students must complete one of the following sequences: Organizational and Leadership Communication, Interpersonal, Political Communication, or Teacher Education.
- 9 hours of electives selected from additional courses designated within the sequence.
- A minimum of 24 senior hours.
- Students may include a maximum of 6 total hours of Professional Practice (COM 198, 398) and independent research (COM 296, 299) toward completion of the major.

Interpersonal Sequence:

- 12 hours required courses: COM 323 or 324, 325, 370, 372.
- 9 hours elective courses: COM 201, 202, 218, 225, 226, 227, 228, 296, 299, 302, 303, 304, 318, 321, 323, 324, 328, 329, 331, 369, 371, 375, 398; ANT/SOC 338.

Organizational and Leadership Communication Sequence:

- 12 hours required courses: COM 227, 323, 329, 375.
- 9 hours elective courses: COM 201, 202, 218, 225, 226, 228, 296, 299, 302, 303, 304, 318, 321, 324, 325, 328, 331, 369, 370, 371, 372, 398.

Political Communication Sequence:

- 12 hours required courses: COM 201, 226, 303 or 304, 371.
- 9 hours elective courses: COM 202, 218, 225, 227, 228, 296, 299, 302, 303, 304, 318, 321, 323, 324, 325, 328, 329, 331, 369, 370, 372, 375, 398.

Communication Studies Teacher Education Sequence:

- 36 hours in COM required. Part of entitlement program leading to teacher licensure with a secondary English Language Arts 9-12 endorsement.
- Required courses: COM 100 (1 hour), 111, 123, 202, 210, 223, 229, 272, 281, 283, 297, 381, 398 (2 hours).
- Minor in English recommended. Candidates may choose either the English minor or the English minor for teacher education.
- Clinical Experiences are included in COM 298A02, 202, 223, 281, 381, 398. Additional opportunities are available through other departmental programs.
- Professional Education requirements (14 hours): EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219.
- Students enrolled in this program are required by the State to complete the requirements for teaching English Language Arts. Students are recommended to consult an advisor early in their program to determine the requirements for various teaching fields.
- **NOTE:** Admission to Professional Studies programs requires a 2.50 GPA.

Pedagogy Emphasis Sequence:

All requirements for completion of the Communication Studies Teacher Education program except successful completion of the edTPA requirement. The pedagogy emphasis option does not lead to licensure in the State of Illinois. (See requirements above.)

MINOR IN COMMUNICATION STUDIES

- 21 hours required.
- Required courses: COM 111, 297.
- A minimum of 6 hours must be at the 300-level (excluding 398).
- 15 hours of electives selected from: COM 123, 201, 202,

210, 218, 223, 225, 226, 227, 228, 229, 272, 302, 303, 304, 321, 323, 324, 325, 329, 331, 370, 371, 372, 375.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of a having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Journalism Program

Degrees Offered: B.A., B.S.

MAJOR IN JOURNALISM

Students majoring in journalism select from courses offering a range of multimedia skills, in addition to a core of basic courses. Core courses give students grounding in fundamental reporting skills and news technologies as well as theory, research and legal and ethical issues confronting practitioners in mass media.

- 45 total hours required.
- A minimum of 24 senior hours including at least 12 hours at the 300-level (excluding 398).
- Journalism majors are encouraged to complete a minor or second major in a department/school other than Communication.
- Students are strongly encouraged to complete at least one field experience.
- Students take the following. All Group A (core) courses are required. Five courses must be selected from Group B, with an additional two courses chosen from Group C.

Group A: Journalism Core (required courses): COM 111, 161, 165, 167, 180, 297, 361, 374.

Group B: Professional Applications (five courses, 15 hours minimum from the following): COM 162, 163, 166, 228, 240, 241, 257, 263, 265, 266, 267, 269, 271, 285, 352, 365, 366, 385, 398.

Group C: Professional Theory (two courses, 6 hours from the following): COM 270, 304, 320, 360, 367, 382.

Mass Media Program

Degrees Offered: B.A., B.S.

MAJOR IN MASS MEDIA

- 53 hours required (includes possibility of 3 core hours from Philosophy as part of the 53 hours).
- Required courses: COM 101 (1 hour), 111, 160, 161, 297, 320 or 360, 361, 396 (1 hour) and either COM 367 or one philosophy course from the following: PHI 232, 234, 238, 240, or 242.
- A minimum of 31 senior hours including at least 16 hours at the 300-level (excluding 298 and 398).
- Mass Media majors must choose and complete a sequence in either Radio; Television Production; Media Management, Promotion, and Sales; or Interactive Media. The sequences are listed below.
- Students may include a maximum of 3 hours of professional practice 198A03 toward the major.
- Students may include a maximum of 6 hours of professional practice 398 toward the major.
- Preapproved electives include: COM 211, 214, 228, 240, 262, 263, 266, 267, 268, 273, 304, 314, 317, 319, 321, 324, 352, 355, 369, 370, 371, 398.

Radio Sequence:

- Required courses: COM 162, 214, 262, 264 or 271, and 364
- 15 hours of communication electives.
- Suggested electives: COM 163, 198A03, 240, 268, 273, 312, 314, 369, 398.

Management, Promotion and Sales Sequence:

- Required courses: COM 162, 163, 264, 273, and 364.
- 15 hours of communication electives.
- Suggested electives: COM 198A03, 214, 240, 262, 263, 268, 314, 321, 369, 398.

Television Production Sequence:

- Required courses: COM 163, 263, 264, and 317, plus one course from either COM 211 or 362.
- 15 hours of communication electives.
- Suggested electives: COM 162, 167, 198A03, 240, 241, 266, 270, 312, 319, 351, 362, 369, 398.

Interactive Media Sequence:

- Required courses: COM 163, 240, 241, 317, 319, 366.
- 12 hours of communication electives.
- Suggested electives: COM 162, 167, 198A03, 211, 218, 263, 266, 362, 369, 398.

MINOR IN MASS MEDIA

- 19 hours required.
- Required courses: COM 101 (1 hour), 160 and 161.
- 12 hours of electives selected in consultation with an academic advisor from: COM 162, 163, 165, 167, 198A03, 211, 214, 218, 263, 264, 270, 271, 273, 296, 297, 312, 314, 317, 319, 320, 351, 360, 361, 362, 364, 366, 367, 369, 398.
- Students may include a maximum of 3 hours of 198A03 or 398 toward their elective requirements.

Public Relations Program

Degrees Offered: B.A., B.S.

MAJOR IN PUBLIC RELATIONS

- 39 hours in Communication required.
- Required courses: COM 111, 161, 178, 268, 297, 329, 377, 378.
- A minimum of 15 hours of senior-level COM electives with at least 9 hours of these at the 300-level.
- Students are strongly encouraged to complete at least one internship for credit.
- A maximum of 6 hours of COM 398 may count as major electives; whereas, only 3 hours of which will count toward the 300-level course requirement.
- Students are encouraged to have a minor or second major in a department or school outside the School of Communication.

Communication Courses

100 INTRODUCTION TO THE STUDY OF COMMUNICATION
1 sem. hr.

This course acquaints students with the different areas of study in the communication disciplines and career options available to them. Prerequisite: Communication Studies majors only.

101 INTRODUCTION TO THE STUDY OF MASS MEDIA
1 sem. hr.

Acquaints students with curricular options and areas of study in mass media and career options available to them. Formerly *INTRODUCTION TO THE STUDY OF MASS MEDIA AND JOURNALISM*. Prerequisite: Mass Media majors only.

110 COMMUNICATION AS CRITICAL INQUIRY
3 sem. hrs.

Development of communication competence, critical thinking, information literacy, and ethical practices in public speaking, small group, and interpersonal contexts. May not be taken under the P/NP option.

110A01 COMMUNICATION AS CRITICAL INQUIRY: CLASSROOM COMMUNICATION-TEACHER EDUCATION
3 sem. hrs.

Development of communication competence, critical thinking, information literacy, and ethical practices in public speaking, small group, and interpersonal contexts. May not be taken under the P/NP option. For teacher education majors.

111 INTRODUCTION TO COMMUNICATION THEORIES
3 sem. hrs.

Introduces the student to numerous basic communication theories and underlying assumptions of theory building. Prerequisite: COM majors only.

123 INTERPERSONAL COMMUNICATION
3 sem. hrs.

An introduction to the principles of communication in the formation and maintenance of social and personal relationships.

128 GENDER IN THE HUMANITIES **LH**
3 sem. hrs.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures. May not be taken under the P/NP option. Also offered as ENG/LAN 128. Prerequisites: ENG 101 and COM 110 or concurrent registration.

160 INTRODUCTION TO MASS MEDIA
3 sem. hrs.

Mass media development and function in modern society: technological basis, economic and political foundations, social implications. Formerly *INTRODUCTION TO MASS COMMUNICATION*.

161 CONVERGENT MEDIA WRITING
3 sem. hrs.

Introduction to the variety of mass communication media students may encounter in their careers. Preparation and presentation of various mass communication formats. Materials charge optional. Formerly *MEDIA WRITING AND PRESENTATION*.

162 INTRODUCTION TO RADIO
3 sem. hrs.

Introduction to radio industry. Development of skills needed to create, announce and produce radio scripts and programming. Examination of radio field. 2 hour lecture, 2 hour lab. Formerly *RADIO PRODUCTION*. Materials charge optional. Prerequisite: COM 160 or 180 or concurrent registration.

163 TELEVISION PRODUCTION
3 sem. hrs.

Development of skills necessary in producing a television program. Function of television equipment and facilities. Evaluation of current production techniques. Producing and directing included. 2 hours lecture, 2 hours lab. Materials charge optional. Prerequisite: COM 160 or 180 or concurrent registration.

165 PRINT AND ONLINE NEWSWRITING AND REPORTING**3 sem. hrs.**

Intensive training in the fundamentals of newsgathering and newswriting for print and online mediums. Formerly *REPORTING I*. Prerequisites: COM 161 or 180.

166 PRINT AND ONLINE EDITING**3 sem. hrs.**

Training in rewriting and editing stories, headlines, writing, page layouts, and work on a campus publication. Formerly *COPY EDITING*. Prerequisites: COM 160 or 165, and 161.

167 BROADCAST NEWSWRITING AND REPORTING**3 sem. hrs.**

Intensive training in the fundamentals of newsgathering and writing for the electronic media. Formerly *BROADCAST NEWS I*. Materials charge optional. Prerequisites: COM 160 or 180, and 161.

178 INTRODUCTION TO PUBLIC RELATIONS**3 sem. hrs.**

Examines functions of public relations in society and surveys concepts, theories, ethics, and principles of effective public relations.

180 INTRODUCTION TO NEWS TECHNOLOGY**3 sem. hrs.**

This course provides students with basic experience in the use of multimedia technologies for news gathering and presentation. Prerequisites: Journalism majors only.

198A02 PROFESSIONAL PRACTICE: FORENSICS**1 sem. hr.**

Training and preparation in speech and debate activities and/or coaching. Meetings through arrangement with the instructor. May be repeated; maximum 4 hours. Includes Clinical Experiences: 15 hours. Materials charge optional.

198A03 PROFESSIONAL PRACTICE: MASS MEDIA**1 sem. hr.**

Training and participation in mass media production activities. May be repeated; maximum 3 hours. Prerequisite: consent of the instructor.

201 COMMUNICATION AND SOCIAL ISSUES**3 sem. hrs.**

Criticism of communicative discourse topics such as current events, social movements, civic engagement, and other subjects. Prerequisite: COM 111.

202 PERSUASIVE COMMUNICATION**3 sem. hrs.**

Provides the student an opportunity to develop skills in persuasive communication in a variety of situations. Focuses on message content and organization appropriate for different situations and audiences. Includes Clinical Experiences: 2 hours. Formerly *PERSUASIVE PUBLIC SPEAKING*. Prerequisite: COM 111.

210 COMMUNICATION AND CRITICAL THINKING**3 sem. hrs.**

Principles of critical thinking, argumentation, and advocacy and their expression in electronic, oral and written contexts. Prerequisite: COM 110.

211 LIVE MULTICAMERA PRODUCTION**3 sem. hrs.**

Development of skills for producing live multi-camera productions. Students learn crew positions for live events including pre and post production. Materials charge optional. May repeat with consent of the instructor. Prerequisites: COM 160 and 163.

214 RADIO MANAGEMENT**3 sem. hrs.**

Refinement and practice of radio management skills through administering the ongoing operations of a radio station. Materials charge optional. Prerequisites: Radio Sequence majors; Grade of C or better in COM 160 and 162, or consent of the instructor.

218 COMMUNICATION TECHNOLOGIES AND IMPACTS**3 sem. hrs.**

The study of basic communication technologies (radio, television, satellite, computer, and electronic publishing) and their impact on the individual, group, organization, and society. Prerequisite: COM 111 or 160 or consent of the instructor.

223 SMALL GROUP PROCESSES**3 sem. hrs.**

The study of theory and basic concepts in small group communication. Practical experience in group deliberation, decision-making, and problem solving. Focus on developing group communication competence through participation in a group project, perhaps related to civic engagement. Clinical Experiences: 1 hour.

225 NONVERBAL COMMUNICATION**3 sem. hrs.**

Examines gesture, space, time, touch, objects, environment, physical appearance, voice, facial and eye behavior, and their relationship to communication and culture. Prerequisite: COM 111.

226 CLASSICAL RHETORIC**3 sem. hrs.**

Examines a variety of classical rhetorical perspectives from Ancient Egypt through the early 19th century, with an emphasis on how classical rhetoricians influence contemporary approaches to communication and rhetorical theory. Prerequisite: COM 111.

227 ORGANIZATIONAL AND PROFESSIONAL SPEAKING**3 sem. hrs.**

Learning experiences in analysis of communication events, group problem solving, interviewing, technical speaking, and persuasive speaking.

228 INTRODUCTION TO INTERVIEWING**3 sem. hrs.**

Learning experiences in the selection, organization and oral presentation of ideas through the interview situation. The course stresses information processing in the interview setting.

229 FOUNDATIONS OF ORGANIZATIONAL COMMUNICATION

3 sem. hrs.

Designed to enhance students' basic communication knowledge, understanding, and skills in an organization including introductory concepts of organizational communication.

238 INTRODUCTION TO ADVERTISING

3 sem. hrs.

This course introduces and applies the fundamental concepts and processes of advertising and the advertising industry. Critical thinking and application are emphasized. Prerequisite: COM 110.

240 INTRODUCTION TO VISUAL COMMUNICATION

3 sem. hrs.

Introduction to the theory and practice of visual communication including perception, visual literacy, and media design for multiple distribution channels. Lecture and lab. Materials charge optional. Prerequisites: COM 161.

241 BASIC PHOTOGRAPHY

3 sem. hrs.

Fundamentals of photography with emphasis on design, production, presentation and text. Lecture and lab. Materials charge optional.

257 ADVANCED BROADCAST JOURNALISM

3 sem. hrs.

Introduction to advanced concepts of news gathering for television and radio to enhance all aspects of experiential learning offered in the School. Formerly *BROADCAST REPORTING*. Materials charge optional. Prerequisites: COM 111, 167, and 267.

262 ADVANCED RADIO APPLICATIONS

3 sem. hrs.

Examination of copywriting and radio production techniques. Exploration of on-air personalities and styles, radio station imaging, and promotions. 2 hours lecture, 2 hours lab. Materials charge optional. Prerequisites: COM 160 and 162.

263 ADVANCED TELEVISION PRODUCTION

3 sem. hrs.

Creating visual appeal through the television medium. Aesthetics in preparing television programs. Advanced producing/directing techniques in commercial broadcasting and television as an art form. 2 hours lecture, 4 hours lab. Materials charge optional. Prerequisites: COM 160 and 163.

264 BROADCAST AND CABLE PROGRAMMING

3 sem. hrs.

Format and scheduling of programs as practiced by station, cable, and network management and viewed from the perspective of the advertiser, the manager, the consumer, and the government. Prerequisites: COM 111 and 160.

265 ADVANCED PRINT AND ONLINE REPORTING

3 sem. hrs.

Advanced training in newsgathering and news writing with practical application. Formerly *REPORTING II*. Prerequisites: COM 111 and 165.

266 ADVANCED PHOTOGRAPHY: MULTIMEDIA

3 sem. hrs.

Development of journalistic skills for multimedia projects and presentations that include combinations of text, audio, still images, video, and interactivity. Materials charge optional.

267 ADVANCED BROADCAST NEWSWRITING AND REPORTING

3 sem. hrs.

Refinement of skills in broadcast news through laboratory work on daily television newscasts. Formerly *BROADCAST NEWS II*. Materials charge optional. Prerequisites: COM 111 and 167.

268 PUBLIC RELATIONS WRITING AND PRODUCTION

3 sem. hrs.

Public relations functions, ethics, and writing of new releases, newsletters, brochures, and electronic media for organizations' various audiences. Prerequisites: COM 111 and 161.

269 MAGAZINE PRODUCTION AND DESIGN

3 sem. hrs.

Training in design, production, management, and finance of magazine. Instruction applicable to advisement of school publications. Lecture and lab.

270 DOCUMENTARY IN FILM AND BROADCASTING

3 sem. hrs.

Historical, philosophical, and theoretical consideration of documentary approach in films, television, and radio. Also offered as THE 270.

271 BROADCAST PERFORMANCE

3 sem. hrs.

Introduction to basic concepts of on-air performance for television and radio to enhance students' experiential learning in broadcast concentrations. Materials charge optional. Prerequisites: COM 111, 160 or 167, and 161.

272 FOUNDATIONS OF INTERCULTURAL COMMUNICATION

3 sem. hrs.

Basic concepts of intercultural communication, including values, beliefs, norms, linguistic and nonverbal differences between cultures, cultural bias, ethnocentrism, and cultural adjustment. Prerequisite: COM 111 or consent of the instructor.

273 MEDIA EVENT PLANNING AND PROMOTIONS

3 sem. hrs.

Study of radio, television, and sports promotions and events, with examination of the processes for executing them successfully. Materials charge optional. Prerequisites: COM 111, 160, and 162 or 163, or consent of the instructor.

274 ENVIRONMENTAL COMMUNICATION

3 sem. hrs.

Theoretical and practical exploration of environmental issues. Topics include corporate advocacy, grass-roots activism, environmental nonprofit organizations, and governmental influence.

275 SELECTED TOPICS IN COMMUNICATION**3 sem. hrs.**

Examination of various topics in the communication discipline, including case studies. May be repeated if content is different. Formerly *SELECTED TOPICS IN PUBLIC RELATIONS*. Prerequisite: COM major or consent of the instructor.

275A01 EXECUTIVE SPEECHWRITING**3 sem. hrs.**

Principles and process for researching and ghostwriting speeches. Includes strategies for public-speaking opportunities and counseling speakers. Prerequisites: COM 111, 165 and 268 or consent of the instructor.

281 PRINCIPLES OF TEACHING COMMUNICATION**3 sem. hrs.**

Methods and materials for teaching secondary speech communication. Planning and applying strategies, methods of measurement, classroom criticism of performance, selection and compilation of materials. Includes Clinical Experiences: 10 hours. Formerly *PRINCIPLES OF SPEECH EDUCATION*. Prerequisite: Grade of C or better in PSY 215 or concurrent registration.

283 COMMUNICATION IN THE CLASSROOM**3 sem. hrs.**

Theory and practice in developing communication competencies in an academic setting. Preparation and presentation of various instructional strategies for diverse audiences. Prerequisites: Grade of C or better in COM 110; 45 hours completed, and declared Teacher Education Major.

285 NEWS AND FEATURE ONLINE PRODUCTION**3 sem. hrs.**

Students will produce an online magazine, gaining experience in writing, editing, illustrating and laying out news and feature articles. Prerequisite: COM 165.

296 INDEPENDENT RESEARCH IN COMMUNICATION**3 sem. hrs.**

Prerequisites: Project approval by school director and instructor prior to registration.

297 COMMUNICATION RESEARCH METHODS**3 sem. hrs.**

Methods of scholarly research and critical evaluation of research. Prerequisites: COM 111.

302 COMMUNICATION CRITICISM**3 sem. hrs.**

Introduction to rhetorical and critical communication criticism. Prerequisites: COM 111.

303 CONTROVERSY AND CONTEMPORARY SOCIETY**3 sem. hrs.**

Communication on contemporary or current significant, controversial issues. Prerequisite: COM 111.

304 FREEDOM OF SPEECH AND PRESS**3 sem. hrs.**

First Amendment rights. Emphasis on Supreme Court decisions relating to political dissent, obscenity, provocation and demonstration, and press freedom. Prerequisite: COM 111.

312 BROADCAST HISTORY**3 sem. hrs.**

Course explores in depth the origins of broadcast media including people, industries, technologies, and government policies influencing media. Prerequisite: COM 160.

314 TOPICS IN RADIO MANAGEMENT**3 sem. hrs.**

Specialized management training in radio station operations. Development of long range planning, problem solving, and leadership skills. Materials charge optional. May be repeated for credit if content differs. Prerequisites: COM 111, 160, 162, 214 and consent of the instructor.

317 DIGITAL POST PRODUCTION**3 sem. hrs.**

Theory, aesthetics, and technical skills required for professional level non-linear film/video editing. Materials charge optional. Prerequisites: COM 160, 161, and 163.

318 SOCIAL DYNAMICS OF COMMUNICATION TECHNOLOGIES**3 sem. hrs.**

Examination of social dynamics of mediated communication emphasizing implications of new communication technologies for social institutions and social change. Prerequisite: COM 111 or consent of the instructor.

319 MOTION GRAPHICS AND VISUAL EFFECTS**3 sem. hrs.**

Exploration of the art and craft of motion design and VFX using exemplary examples and state-of-the-art techniques. Lecture. Materials charge optional. Formerly *INTERACTIVE MEDIA DESIGN AND AUTHORIZING*. Prerequisites: COM 111, 160, 161, 163, and 317.

320 MASS MEDIA: CULTURAL CRITICISM AND PROBLEMS**3 sem. hrs.**

Critiquing mass media's influence on cultural and economic life and its influence on public policy and social change. Formerly COM 260 *MASS COMMUNICATION: CULTURAL CRITICISM AND PROBLEMS*. Prerequisites: COM 111 and 160 or 165.

321 CAMPAIGN COMMUNICATION AND MESSAGE DESIGN**3 sem. hrs.**

Application of theory and research to campaign strategy and message design. Emphasis: ethical, informative, and persuasive messages in commercial, political, and social issue campaigns. Prerequisite: COM major or consent of the instructor.

323 THEORY AND RESEARCH IN SMALL GROUP COMMUNICATION**3 sem. hrs.**

Theoretical and experimental literature dealing with small group communication processes. Prerequisite: COM 111.

324 THEORY AND RESEARCH IN PERSUASION**3 sem. hrs.**

Survey of theoretical and applied literature dealing with how attitudes, beliefs, and social behaviors are affected by communication. Production and criticism of such messages will be studied. Prerequisite: COM 111.

164 **Communication**

**325 THEORY AND RESEARCH IN
INTERPERSONAL COMMUNICATION**
3 sem. hrs.

Provides an overview of theory and research on interpersonal communication with emphasis on the knowledge and skills necessary to develop, maintain, and terminate social and personal relationships. Prerequisites: COM 111 and 297.

328 NEGOTIATION
3 sem. hrs.

Overview of theory and practice of negotiation. Experience in applying strategies to negotiate effectively and ethically. Prerequisites: COM 111 and 297, or consent of the instructor.

329 ORGANIZATIONAL COMMUNICATION
3 sem. hrs.

Theoretical and empirical literature dealing with communication processes in an organizational setting. Prerequisite: COM 111.

**331 HUMAN COMMUNICATION
AND THE AGING PROCESS**
3 sem. hrs.

This course summarizes the theory and research that informs our understanding of the aging process and the role of communication in the lives of older adults. Prerequisite: COM 111 or SOC 211.

**351 ADVANCED WRITING FOR
MASS MEDIA**
3 sem. hrs.

This course focuses on writing for long form mass media including documentaries, features, dramas, and comedies. Prerequisite: COM 161.

**352 DOCUMENTARY PRODUCTION ON
SOCIAL AND POLITICAL ISSUES**
3 sem. hrs.

Social and political documentary video production with an overview of the history and trends in documentary. Formerly COM 389A58. Prerequisites: COM 161, 163 or 167, and 263 or 267.

355 INTERNATIONAL PUBLIC RELATIONS
3 sem. hrs.

Theory and research related to the practice of public relations across cultural and national boundaries. Application of theory to practical problems. Prerequisites: COM 111 and 178 or consent of the instructor.

356 EXECUTIVE SPEECHWRITING
3 sem. hrs.

Principles and process for researching and ghostwriting speeches. Includes strategies for public-speaking opportunities and counseling speakers. Formerly COM 275A01. Prerequisite: COM major or consent of the instructor.

358 CRISIS COMMUNICATION
3 sem. hrs.

An advanced examination of the use of communication in planning, managing and responding to organization crises. Prerequisite: COM 178 or consent of the instructor.

360 MASS MEDIA: THEORY AND EFFECTS
3 sem. hrs.

Critical examination of channel and receiver variables and their effects on the act of moving information through a given medium. Students participate in at least one research project of their design. Formerly *MASS COMMUNICATION: THEORY AND EFFECTS*. Prerequisites: COM 111 and 160 or 165.

**361 MASS MEDIA LAW, POLICY
AND ETHICS**
3 sem. hrs.

Examines statutes, policy, and case law affecting media operations along with ethical guidelines for practitioners and industry self-regulation guidelines. Formerly *REGULATION OF THE COMMUNICATION INDUSTRY*. Prerequisites: COM 111, 160 or 165, and 297.

362 NON-BROADCAST TELEVISION
3 sem. hrs.

Theory and practice of non-broadcast television with emphasis on equipment, production processes and effectiveness as a medium of communication for business, education and medicine. Lecture and lab. Prerequisite: COM 111.

364 BROADCAST MANAGEMENT
3 sem. hrs.

Role and functions of broadcast media managers in society. Prerequisites: COM 111 and 160. COM 264 is recommended.

365 NEWSPAPER DESIGN AND GRAPHICS
3 sem. hrs.

Fundamentals of newspaper layout, design and graphics. Lecture and lab. Prerequisite: COM 240.

366 WEB PRODUCTION AND DESIGN
3 sem. hrs.

Design fundamentals and technical skills for Web page production. Lecture and lab. Prerequisite: COM major only.

367 ETHICAL PROBLEMS IN MASS MEDIA
3 sem. hrs.

Analysis of ethical problems in news, entertainment, and persuasive media. Students develop analytical skills using cases and research projects. Formerly *ETHICAL PROBLEMS IN MASS COMMUNICATION*. Prerequisites: COM 111, 160 or 165, and 297.

**369 INTERNATIONAL COMMUNICATION
SYSTEMS**
3 sem. hrs.

Mass communication systems employed in foreign countries, their roles in national and international social and cultural development. Prerequisite: COM 111.

370 PSYCHOLOGY OF LANGUAGE
3 sem. hrs.

Theories and empirical research relating to the development and function of language, including how the brain works during conversation, aspects of language gain and loss, and the nature of conversation and its relation to group and social contexts. Prerequisites: COM 111 and 297.

371 POLITICAL COMMUNICATION**3 sem. hrs.**

Basic theory and research relating to political campaign communication. Special attention is paid to the persuasive process of political campaigning focusing upon the role of the media, the candidate, image creation and other selected topics on political campaign communication. Prerequisites: COM 111; 6 hours COM or 6 hours POL is recommended.

372 THEORY AND RESEARCH IN INTERCULTURAL COMMUNICATION**3 sem. hrs.**

Theories and research relating to face-to-face communication among people from different cultural, national, ethnic, or racial backgrounds. Prerequisites: COM 111 and 297, or consent of the instructor.

373 INTERNAL PUBLIC RELATIONS**3 sem. hrs.**

Principles and practices for communicating with organizations' internal audiences. Investigation includes non-profit, profit, government and nongovernment organizations. Prerequisites: COM 111 required; COM 229 is strongly recommended.

374 NEWS LITERACY: CRITICAL PERSPECTIVES**3 sem. hrs.**

Course examines news literacy links with critical theory and the ways news relates to communication and journalism theory. Prerequisite: COM 111.

375 COMMUNICATION AND LEADERSHIP**3 sem. hrs.**

Survey of theory and research dealing with how the different approaches to leadership are enacted through the process of communication. Prerequisites: COM 111 and 297.

377 PUBLIC RELATIONS CAMPAIGNS**3 sem. hrs.**

Theory and research related to professional experience in strategizing and executing public relations. Formerly *PUBLIC RELATIONS MANAGEMENT: CAMPAIGNS*. Prerequisites: COM 111, 161, 178, 268, and 297.

378 PUBLIC RELATIONS MANAGEMENT AND RESEARCH**3 sem. hrs.**

As the "senior capstone course" focus is on the leading and managing of everyday matters of a public relations function. Formerly *PUBLIC RELATIONS MANAGEMENT: CORPORATE COMMUNICATION*. Prerequisites: COM 111, 161, 178, 268, and 297.

381 ISSUES IN THE TEACHING OF COMMUNICATION**3 sem. hrs.**

Identification of common and unique issues in teaching communication concepts and skills. Approaches to resolving classroom problems. Formerly *PROBLEMS IN THE TEACHING OF COMMUNICATION*. Prerequisites: COM 281; grade of C or better in TCH 212, 216, 219; and PSY 215 or concurrent registration.

382 THEORETICAL ISSUES IN NEWS CONVERGENCE**3 sem. hrs.**

This course explores theoretical and practical issues involving the impact of convergence on journalism, and on the news we consume.

385 EDITORIAL AND FEATURE WRITING**3 sem. hrs.**

Advanced training in writing feature articles and editorials for newspapers and magazines. Prerequisites: COM 111, 165, and 265.

388 SENIOR CAPSTONE: COMMUNICATION STUDIES**2 sem. hrs.**

Students will synthesize course work and communication experiences into transferable theory, skills, and applications via a senior project and portfolio. Prerequisites: Major or minor in Communication Studies; senior standing (90 hours completed); minimum of 24 hours completed within the major field of study. COM 100, 111, and 297.

390 TOPICS IN CONTEMPORARY COMMUNICATION**3 sem. hrs.**

This course addresses contemporary trends and innovations in communication methods/processes. Students focus on rapidly changing communication topics. May be repeated if content is different; maximum of 9 hours. Prerequisites: COM 111, graduate standing, or consent of the instructor.

392 TOPICS IN COMMUNICATION INSTRUCTION**1 sem. hr.**

Identification and development of new instructional content, approaches, strategies, and materials for selected oral communication concepts in educational and business classrooms.

392A08 TOPICS IN COMMUNICATION INSTRUCTION: TEACHING COMMUNICATION AS CRITICAL INQUIRY**1 sem. hr.**

Identification and development of new instructional content, approaches, strategies, and materials for selected oral communication concepts in educational and business classrooms.

396 CAPSTONE IN MASS MEDIA**1 sem. hr.**

A culminating capstone experience for Mass Media majors, producing a professional portfolio and defending the knowledge and skills acquired. Prerequisites: Must be taken either in the student's last semester of planned coursework before graduation or after completion of a minimum of 48 hours in the major including: COM 101, 111, 160, 161, 297, 320 or 360, 361, and 367.

398 PROFESSIONAL PRACTICE: COMMUNICATION**1-12 sem. hrs.**

Arranged on-campus practical experience under the guidance of department academic supervisors. Includes Clinical Experiences: 55 hours. Maximum 3-6 hours Professional Practice applicable to major; 16 hours applicable to graduation. Materials charge optional. Prerequisite: COM major or consent of the instructor.

166 **Communication**

**398A03 PROFESSIONAL PRACTICE: INTERNSHIPS
FOR COMMUNICATION STUDIES MAJORS**

1-12 sem. hrs.

Students find an opportunity to learn, network, build portfolios and enhance resumes during 144 hours (minimum) supporting an organization under professional supervision. May be repeated; maximum of 16 hours. Prerequisite: COM major or consent of the faculty supervisor.

**398A04 PROFESSIONAL PRACTICE: INTERNSHIPS
FOR JOURNALISM MAJORS**

1-12 sem. hrs.

Students find an opportunity to learn, network, build portfolios and enhance resumes during 144 hours (minimum) supporting an organization under professional supervision. May be repeated; maximum of 16 hours. Prerequisite: COM major or consent of the faculty supervisor.

**398A05 PROFESSIONAL PRACTICE: INTERNSHIPS
FOR MASS MEDIA MAJORS**

1-12 sem. hrs.

Students find an opportunity to learn, network, build portfolios and enhance resumes during 144 hours (minimum) supporting an organization under professional supervision. May be repeated; maximum of 16 hours. Prerequisite: COM major or consent of the faculty supervisor.

**398A06 PROFESSIONAL PRACTICE: INTERNSHIPS
FOR PUBLIC RELATIONS MAJORS**

1-12 sem. hrs.

Students find an opportunity to learn, network, build portfolios and enhance resumes during 144 hours (minimum) supporting an organization under professional supervision. May be repeated; maximum of 16 hours. Prerequisite: COM major or consent of the faculty supervisor.

COMMUNICATION SCIENCES AND DISORDERS (CSD) 472

204 Fairchild Hall, (309) 438-8643

Website: CSD.IllinoisState.edu

Email: CSD@IllinoisState.edu

Chairperson: Ann Beck.

Tenured/Tenure-track Faculty:

Professor: Beck.

Associate Professors: Bailey, Friberg, Harbers, Sawyer.

Assistant Professors: Harvey-Northrop, Joseph, Ou, Park, Seeman, Smith, Vinney.

General Department Information

MINOR IN COGNITIVE SCIENCE

The Department of Communication Sciences and Disorders participates in the degree program for the Minor in Cognitive Science. Several courses offered by the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under Interdisciplinary Studies Programs in this *Undergraduate Catalog*.

Communication Sciences and Disorders Programs

Degree Offered: B.S.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Standards for Progress in the Major:

In order to remain in the major, students must attain a 3.00 GPA in the following four courses: CSD 155, 175, 210, and 215. An average grade below 3.00 in these courses will result in the student being withdrawn from the Communication Sciences and Disorders major. Any student who falls into this category will be advised of this by the department advisor.

HONORS IN COMMUNICATION SCIENCES AND DISORDERS

Honors work in communication sciences and disorders is available to qualified students. In order to qualify, students must be a member of the University Honors Program, have achieved junior status, have declared a major

in communication sciences and disorders, have achieved a University GPA of 3.30 or better, and have a GPA of 3.50 or better in communication sciences and disorders course work. Additionally, in order to successfully complete Departmental Honors in Communication and Disorders, students must complete a minimum of 6 semester hours of honor course work in 300-level CSD courses and complete a 3 hour honors project (CSD 299) or honors thesis (HON 395) under the direction of a CSD faculty member.

Interested students should contact the undergraduate departmental advisor for additional details and admission procedures. Further details about the University Honors program are available at Honors.IllinoisState.edu.

MAJOR IN COMMUNICATION SCIENCES AND DISORDERS

- 48 hours in Communication Sciences and Disorders core courses: CSD 155, 175, 210, 215, 218, 248, 249, 275, 316, 319, 321, 323, 332, 350, 351, 380.
- 6 hours of Professional Education requirements: SED 101; PSY 213 or TCH 210.
- 12 hours required in General Education courses which include: MAT 120, one of the following biology courses: BSC 101, 196, 197; one of the following chemistry or physics courses: CHE 102, 110 and 112, 140; PHY 105; and one of the following statistics courses: ECO 138; MQM 100; MAT 150; PSY 138.
- One three-hour course in science, mathematics or technology to fulfill the Bachelor of Science Graduation Requirement in Science, Mathematics and Technology.
- Successful completion of LAN 112 or the equivalent.

This is a pre-professional program designed to provide students with foundational knowledge, skills, and professional dispositions needed to succeed in further studies in Communication Sciences and Disorders and other career opportunities. A master's degree is the entry-level degree for the field of speech language pathology. A clinical doctorate is the entry-level degree for the field of audiology. These advanced degrees are required for the American Speech-Language-Hearing Association's Certificate of Clinical Competence and Illinois Licensure. Additionally, students completing the Master's Program in speech language pathology will be eligible for the Illinois Educator License.

CLINICAL OBSERVATION EXPERIENCES

In accordance with the American Speech Language Hearing Association, students must obtain a minimum of 25 hours of clinical observation before beginning any clinical practicum experiences. Although some of these clinical observation hours are acquired in various undergraduate coursework, students are responsible for documenting completion of these observation hours. Students will be introduced to the options for acquiring clinical observation experiences in CSD 218. Furthermore, students will be instructed in methods of tracking and documenting these hours.

MINOR IN COMMUNICATION SCIENCES AND DISORDERS

- 21 hours required in Communication Sciences and Disorders.
- Required courses: CSD 155, 175, 210, 215. Electives cannot include practicum courses.

NOTE: Students taking this minor will not qualify for certification in speech language pathology or audiology.

Assessment:

Majors in Communication Sciences and Disorders are expected to participate in the assessment process as one of the requirements for an undergraduate degree in this department.

Communication Sciences and Disorders Courses

115 HUMAN COMMUNICATION: SPEECH, LANGUAGE, AND HEARING
3 sem. hrs.

Introduction to the processes of communication (speech, language, hearing) within a multicultural society and the impact of communication impairment. Formerly *HUMAN VERBAL COMMUNICATION*.

155 ANATOMY AND PHYSIOLOGY OF THE SPEECH AND HEARING MECHANISM
4 sem. hrs.

Structures and function of the head, ear, neck, and trunk as they relate to speech and hearing processes.

175 SPOKEN AND WRITTEN LANGUAGE DEVELOPMENT
3 sem. hrs.

Comprehensive study of acquisition of spoken and written language from infancy through adolescence. Includes bilingual development. Formerly *SPEECH AND LANGUAGE DEVELOPMENT*.

210 NEUROBASIS OF SPEECH, LANGUAGE, AND HEARING
4 sem. hrs.

Introduction to the structures and physiology of the central peripheral nervous system related to speech, language, cognition, and hearing. Formerly CSD 310 *CLINICAL NEUROLOGY*. Prerequisite: CSD 155.

211 PHONETICS
3 sem. hrs.

Sound system of American speech. Standard and non-standard variations. Articulatory and acoustic considerations. Practice in transcribing and reading phonetic symbols. Not for credit if had CSD 215.

215 CLINICAL PHONETICS
4 sem. hrs.

Introduction and clinical application of the sound system of English. Phonological development. Characteristics and etiologies of articulation and phonological disorders. Prerequisite: CSD 155.

218 EXPLORATION IN COMMUNICATION SCIENCES AND DISORDERS
3 sem. hrs.

Understanding the professional standards and career options in CSD; alternative careers using CSD undergraduate knowledge/skill set. Formerly CSD 318 *PROFESSIONAL ISSUES IN SPEECH LANGUAGE PATHOLOGY AND AUDIOLOGY*.

248 SPEECH SCIENCE
2 sem. hrs.

Introduction to concepts, theories, and terminology required for an understanding of speech production. Not for credit if had CSD 349. Prerequisite: CSD 155.

249 HEARING SCIENCE
2 sem. hrs.

Introduction to concepts, theories, and terminology required for an understanding of auditory anatomy, physics of sound, speech perception and auditory processing. Formerly CSD 349 *SPEECH AND HEARING SCIENCE*.

275 SPOKEN AND WRITTEN LANGUAGE ANALYSIS
3 sem. hrs.

Application of semantic, morphological, syntactical, pragmatic, and written concepts through analysis of spoken and written language. Prerequisite: CSD 175.

308 UNDERGRADUATE CLINICAL EXPERIENCE
1 sem. hr.

Approximately 15 clock hours of supervised clinical practicum. Prerequisite: Consent of the Director of clinical experiences in speech-language pathology.

316 THE VOICE AND ITS DISORDERS
3 sem. hrs.

Exploration of normal voice production. Introduction to voice and resonance disorders. Vocal hygiene and prevention of voice disorders. Formerly *INTRODUCTION TO ORGANIC DISORDERS OF SPEECH*. Prerequisites: CSD 210 and 248.

319 STUTTERING
2 sem. hrs.

Etiology, characteristics, and development of stuttering and fluency disorders. Formerly *FOUNDATIONS OF SPEECH DISORDERS*.

321 INTRODUCTION TO LANGUAGE DISORDERS
3 sem. hrs.

Introduction to foundational concepts associated with childhood language impairment, including its etiology and principles for its identification. Prerequisites: CSD 175 and 275.

323 INTRODUCTION TO NEUROGENIC DISORDERS
4 sem. hrs.

Introduction to acquired neurogenic disorders affecting cognition, speech, language, and swallowing. Prerequisite: CSD 210.

**332 THE CLINICAL PROCESS:
EVALUATION AND TREATMENT**
3 sem. hrs.

Clinical principles and procedures for the evaluation and treatment of communication disorders. Introduction to clinical techniques and management. Includes Clinical Experiences: 20 hours. Prerequisites: A minimum of 75 hours completed. Major only.

350 INTRODUCTION TO AUDIOLOGY
3 sem. hrs.

Principles of hearing measurement: sound, human ear, test methods, hearing losses, screening methods, test interpretation. Prerequisite: CSD 249.

**351 INTRODUCTION TO AURAL
REHABILITATION**
3 sem. hrs.

Principles of habilitation/rehabilitation of communication disorders related to hearing impairment. Visual/auditory speech signals. Amplification: function/use. Prerequisite: CSD 350.

**360 INTRODUCTION TO AUGMENTATIVE AND
ALTERNATIVE COMMUNICATION**
2 sem. hrs.

Introduction to principles of augmentative and alternative communication (AAC) and communication-related technology. Formerly *AUGMENTATIVE COMMUNICATION FOR NON-SPEAKING PERSONS*.

**375 DIVERSITY ISSUES IN COMMUNICATION
SCIENCES AND DISORDERS**
3 sem. hrs.

A multicultural perspective of communication disorders across the lifespan. Introduction to supportive communication practices. Formerly *CULTURAL DIVERSITY IN COMMUNICATION DISORDERS*.

**380 PROFESSIONAL WRITING IN
COMMUNICATION SCIENCES AND
DISORDERS**
2 sem. hrs.

Review of clinical writing with a focus on professional writing of goals and objectives, diagnostic reports, and technical papers. Prerequisite: A minimum of 45 hours completed.

ECONOMICS (ECO) 420

425 Stevenson Hall, (309) 438-8625
 Website: Economics.IllinoisState.edu

Chairperson: David Cleeton.

Tenured/Tenure-track Faculty:

Distinguished Professor: Ram.

Professors: Cleeton, Goel, Loomis, Mohammadi, Rich, Waters, Zhang.

Associate Professors: Billger, Chen, Dincer, Ohler, Walbert.

Assistant Professors: Adhikari, Blanco, Nikolaou.

General Department Information**Academic Requirements:**

For the general economics sequence we require 33 hours, with 48 hours required for the managerial economics sequence, and 18 hours for the minor. Specific course requirements for the major and the minor are indicated below. The low number of hours required for the general economics sequence or minor gives students the flexibility to combine it with a major or minor in other disciplines to design their academic program to fit their life goals.

HONORS IN ECONOMICS

Candidates for honors must fulfill the general requirements for participation in the University Honors Program and must be Economics majors with a GPA of 3.30 overall and 3.75 or higher in Economics courses. Students will be expected to complete six hours of coursework designated as honors coursework within the Department of Economics. These could include ECO 105 honors, or 2 in-course honors at the 200- or 300-level. In-course honors requires individual negotiation with the faculty member teaching the course. In addition, the achievement of honors requires the writing of a substantial original paper. The student will enroll in Honors Independent Study and will receive help from an assigned faculty member. At the end of the semester the student will make an oral presentation of the paper. One copy of the original paper will be kept in the Department office and be available for inspection. Honors credit will show on the official transcript and will be stated on the diploma. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Economics Programs

Degrees Offered: B.A., B.S.

Admission Requirements:

Students will be admitted into the Economics department's programs from a pool of qualified applicants on the basis of individual qualifications. Students are admitted to the major or minor in Economics on a competitive and selective basis. The number of students admitted may vary from year to year depending on program capacity and qualifications of students in the pool. The Department of Economics reserves the right to maintain a balanced enrollment. For more information on admission to the Economics major go to Economics.IllinoisState.edu/undergrad/major.

MAJOR IN ECONOMICS**General Economics Sequence:**

- A minimum of 33 hours required.
- Required courses: ECO 105, 138, 238, 240, 241, 300 (to be taken concurrently with one 3-hour 300-level ECO course); MAT 121 or 145.
- A grade of C or better must be earned in ECO 105, 138 (or approved substitute), 238, 240, 241, 300 and MAT 121 or 145.
- 3 elective Economics courses at the 200- or 300-level are required in addition to the required 3-hour 300-level course.
- A minimum of 15 senior hours in Economics courses must be completed at Illinois State University. The Department Chairperson may grant exemptions to students whose cumulative GPA is 3.00 or higher.

NOTE: GEO 138; MQM 100; POL 138; or PSY 138 may be substituted for ECO 138.

Concentrations in the General Economics Sequence:

The General Economics Sequence is an excellent complement to a variety of other majors or customized sets of courses. Majors completing the General Economics Sequence may elect (but are not required to elect) one of the following concentrations. Although no specific courses are required for these concentrations, recommended courses for each are listed below:

1. **Electricity, Natural Gas, and Telecommunications Economics:** Economics electives: ECO 235, 236, 239, 320, and 335 plus ACC 131 and 132; ENG 249; and FIL 240, 242 and 347.
2. **Graduate School Preparation:** ENG 249; and MAT 146, 147, 175, 350 and 356.
3. **Human Resources:** Economics electives: ECO 225, 326 plus ENG 249; FIL 313; MQM 323 and 324; and PSY 230.
4. **International Economics:** Economic electives: ECO 245, 345 and 346 plus ENG 249; INB 225; MQM 350; POL 151 and proficiency in a foreign language.
5. **Pre-Law:** Economic electives: ECO 220, 235, 320 and 335 plus COM 202; ENG 249; FIL 185 and 209; and POL 215 and 318.
6. **Public Policy:** Economic electives: ECO 236, 255, 329, 340, 350, plus ENG 249; FIL 311; and POL 232, 312 and 318.

Managerial Economics Sequence

The Managerial Economics Sequence is designed for students who desire a more focused degree in Economics that combines the core skills in the discipline with a fundamental understanding of basic business tools including accounting, finance, and data management.

- A minimum of 48 hours required.
- Required courses: ECO 105, 138 (or approved substitute), 215, 238, 239, 240, 241, 245, 300 (to be taken concurrently with one 3-hour 300-level ECO course from the following: ECO 320, 326, 335, 339, 343, 345,

346); ACC 131, 132; IT 150, 208; FIL 240; MAT 121 or 145.

- A grade of C or better must be earned in each of the required courses.
- A minimum 2.50 GPA in the required courses in the sequence.
- A minimum of 15 senior hours in Economics courses must be completed at Illinois State University. The Department Chairperson may grant exemptions to students whose cumulative GPA is 3.00 or higher.

MINOR IN ECONOMICS

- 18 hours in Economics required.
- Required course: ECO 105.
- MAT 121 or 145 may be, but are not required to be, used for 4 hours of credit toward the minor.
- ECO 103 may not be counted toward the minor.

Economics Courses

103 INDIVIDUAL AND SOCIAL CHOICE SS

3 sem. hrs.

Economic impacts of individual and social choices and their influence on social issues. Includes perspectives from other social sciences. May not be taken under the P/NP option. Prerequisite: COM 110 or ENG 101 or concurrent registration.

105 PRINCIPLES OF ECONOMICS

4 sem. hrs.

Supply and demand in product and resource markets, international trade, determination of GDP, employment, inflation and economic growth.

138 ECONOMIC REASONING USING

STATISTICS

QR

3 sem. hrs.

Introduction to descriptive and inferential statistics with applications in economics. Includes the use of statistical software package on laboratory computers. May not be taken under P/NP option. Not for credit if had GEO 138; POL 138; or MQM 100. Prerequisite: MAT 120 or 130, or 145.

202 CURRENT ECONOMIC ISSUES

3 sem. hrs.

Application of introductory principles to world economic problems, such as energy, pollution, poverty and unemployment. Prerequisites: ECO 101 and 102, or 105.

205 ECONOMIC DEVELOPMENT AND GROWTH

3 sem. hrs.

Historical and current determinants of economic development. Problems associated with generating and accelerating economic growth in less developed countries. Prerequisite: ECO 105.

210 COMPARATIVE ECONOMIC SYSTEMS

3 sem. hrs.

Comparative analysis of several types of economic systems. Discussion of alternative models of economic decision-making. Case studies of such economies as China, Japan, South Africa, Sweden, Russia, and Yugoslavia. Prerequisites: ECO 101 and 102, or 105.

215 MONEY AND BANKING

3 sem. hrs.

Development and growth of the monetary system. Emphasis on monetary theory and applied policy issues. Prerequisites: ECO 101 and 102, or 105.

220 LAW AND ECONOMICS

3 sem. hrs.

Overview of economic analysis of topics in the common law including property, contract, tort and criminal law. Prerequisite: ECO 101 or 105.

225 LABOR ECONOMICS AND LABOR PROBLEMS

3 sem. hrs.

Economic aspects of labor and trade unionism. Emphasis on wage determination, bargaining, manpower and unions. Prerequisites: ECO 101 and 102, or 105.

230 ECONOMICS OF DIFFERENCE: GENDER, ETHNICITY, AND BEYOND

3 sem. hrs.

Differences in economic opportunities and outcomes, including the role of systems, institutions, culture, and preferences. Prerequisite: ECO 103 or 105.

235 TELECOMMUNICATIONS

ECONOMICS AND PUBLIC POLICY

3 sem. hrs.

Introduction to economics and public policy issues confronting the telecommunications industry, including legal aspects, standards, privacy and security issues. Prerequisite: ECO 101 or 105.

236 ECONOMICS OF ENERGY AND PUBLIC POLICY

3 sem. hrs.

Economic analysis of the production, distribution and use of energy with special emphasis on alternative and renewable energy sources. Prerequisites: ECO 101 and 102, or 105.

238 USING REGRESSION AND ECONOMETRIC METHODS

3 sem. hrs.

Non-theoretical study of the basic concepts of regression analysis and econometrics which emphasizes real-world applications, statistical computing, and learning-by-doing. Prerequisites: ECO 101 and 102, or 105, and 1 of the following: ECO 138 or GEO 138 or POL 138 or PSY 138 or MQM 100.

239 MANAGERIAL ECONOMICS

3 sem. hrs.

Theoretical and applied study of demand, cost, and production related to the theory of the firm. Developments of current interest; empirical studies intended to affirm or disaffirm applicability of economic principles. Prerequisites: ECO 101 or 105. A grade of C or better in MAT 121 or 145 required; and 1 of the following: ECO 138 (is recommended), or GEO 138 or POL 138 or PSY 138 or MQM 100.

240 INTERMEDIATE MICROECONOMIC THEORY

3 sem. hrs.

Emphasis on topics regarding resource allocation, scarcity, and distribution of income; theory of consumer choice, theory of the firm, market structures, factor markets, distribution of income, welfare economics, and general equilibrium. Prerequisites: ECO 101 or 102, or 105; and one of the following: ECO 138 or GEO 138 or POL 138 or PSY 138 or MQM 100; and a grade of C or better in MAT 121 or 145.

**241 INTERMEDIATE
MACROECONOMIC THEORY**
3 sem. hrs.

Theory of income, employment, interest rate and price level determination. The government's influence on these variables via monetary and fiscal policies. Prerequisites: ECO 101 and 102, or 105; and one of the following: ECO 138 or GEO 138 or POL 138 or PSY 138 or MQM 100; and a grade of C or better in MAT 121 or 145.

245 THE INTERNATIONAL ECONOMY
3 sem. hrs.

Economic aspects of international issues and problems. Analysis of international trade, trade restrictions, exchange rates and the balance of payments. Prerequisites: ECO 101 and 102, or 105.

**255 INTRODUCTION TO ENVIRONMENTAL
AND NATURAL RESOURCE ECONOMICS**
3 sem. hrs.

Overview of natural resource and environmental economics. Topics include management of renewable and nonrenewable resources and the economically efficient approach to pollution control. Prerequisite: ECO 101 or 105.

300 SENIOR PROJECT
1 sem. hr.

Involves independent out-of-class work on a project designed in consultation with the instructor in the concurrent 300-level course. Prerequisites: A grade of C or better in both ECO 240 and 241. To be taken concurrently with a 300-level Economic course.

320 INDUSTRIAL ORGANIZATION
3 sem. hrs.

Theoretical and empirical analysis of basic influences on industrial markets and performances. Market practices, the role of competition, and related policy issues. Prerequisite: ECO 240.

326 ECONOMICS OF HUMAN RESOURCES
3 sem. hrs.

Theoretical and empirical analysis of labor markets. Education and training, labor mobility, wage structure, discrimination, unemployment, wage and incomes policies. Prerequisite: ECO 225 or 240.

**335 ECONOMICS OF REGULATION
AND ANTITRUST**
3 sem. hrs.

The origins, aims, methods, and effects of economic regulation and antitrust, with an emphasis on case studies. Prerequisite: ECO 239 or 240.

340 HEALTH ECONOMICS AND POLICY
3 sem. hrs.

Study the production of health care and the market forces that act on individuals, providers, institutions, and policy design. Prerequisite: ECO 240.

**343 COMPETITION AND MANAGERIAL
STRATEGIES**
3 sem. hrs.

Applications of game theory to managerial decisions in competitive, oligopolistic, and monopolistic markets. Prerequisite: ECO 239 or 240.

345 INTERNATIONAL TRADE
3 sem. hrs.

Causes and consequences of international trade. Analysis of tariffs, quotas, other trade restrictions, current trade policy and multinational corporations. Prerequisite: ECO 240 or 245.

346 INTERNATIONAL FINANCE
3 sem. hrs.

Mechanisms of international payments and evaluation of the international monetary system. Topics include exchange rates, balance of payments, international monetary cooperation, and connections between the domestic and international economy. Prerequisite: ECO 241 or 245.

350 PUBLIC FINANCE
3 sem. hrs.

Analysis of the economic impacts of government expenditures and taxes on the allocation of resources and the distribution of income. Prerequisite: ECO 240.

**353 REGRESSION AND TIME SERIES
ANALYSIS**
4 sem. hrs.

Regression and time series methods for business and economic applications, including exponential smoothing and Box-Jenkins methods. Computer statistical package used. Also offered as MAT 353. Prerequisite: Grade of C or better in MAT 351 or equivalent or consent of the instructor.

372 HISTORY OF ECONOMIC THOUGHT
3 sem. hrs.

Economic analysis from the Mercantilists to the American Institutionalists. Relates earlier schools of thought to the contemporary. Prerequisites: Two 200-level ECO courses or consent of the instructor.

**398 PROFESSIONAL PRACTICE: INTERNSHIP
IN ECONOMIC RESEARCH**
1-6 sem. hrs.

On-the-job experience as a practicing economist in private industry or government. Interns may be involved in all phases and types of economic research. CR/NC only; not for credit major/minor; must complete department application. Prerequisites: ECO major or minor and consent of the department Professional Practice Coordinator; 2.20 GPA, and 50 hours credit.

ENGLISH (ENG)**424****409 Stevenson Hall, (309) 438-3667****Website: English.IllinoisState.edu****Chairperson:** Christopher De Santis.**Tenured/Tenure-track Faculty:***Distinguished Professor:* Trites.*University Professor:* Hunt.*Professors:* Brasseur, Breu, Broad, Burt, Coats, Cruz, De Santis, Fleisher, Huff, Kalter, Kim, McLaughlin, Saunders, Susina, Zona.*Associate Professors:* Chevillie, Demirci, Ellison, Gudding, Haas, Harris, Hochstetler, Jung, Justice, Kang, McBride, Moran, Parry, Ressler, Robillard, Seloni, Smith, Walker, *Assistant Professors:* Amato, Hurley, Lyons, Rejack, Ugor.**General Department Information****INTERDISCIPLINARY MINORS**

The Department of English participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: African-American Studies, Children's Studies, Cognitive Science, Ethnic Studies, International Studies, Middle Eastern and South Asian Studies, Native American Studies, and Women's and Gender Studies. For further information on these minors and their advisors, please consult the Interdisciplinary Studies Programs section in this *Undergraduate Catalog*.

HONORS IN ENGLISH

The Department of English offers honors work to qualified students. Honors work includes intensive study in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive written report and/or examination. Honors work is open only to resident students who have achieved superior academic records and who have demonstrated the ability to profit from independent study. Further details about the University Honors program are available at: Honors.IllinoisState.edu.

English Programs

Degree Offered: B.A. (All English majors and students in the Teacher Education Sequence)

Admission to the English major may be affected and restricted by the lack of available Department resources in times of oversubscription.

MAJOR IN ENGLISH

- 40 hours in English required, exclusive of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).
- Required courses: ENG 100 with grade of C or better, ENG 102 and 300.
- 3 hours selected from: ENG 283, 284, 285, 286.

- 3 hours of British literature selected from: ENG 110, 213, 214, 215, 216, 217, 218, 219, 222, 223, 311, 320, 324, 325, 327, 328, 329, 378, 386, 387, 388.
- 3 hours of American literature selected from: ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 328, 332, 336, 365.
- 3 hours in language and linguistics selected from: ENG 241, 243, 245, 310, 311, 341, 342.
- 3 hours in advanced writing selected from: ENG 246, 247, 248, 249.
- Of the remaining 18 hours, at least 12 hours of electives at the 200- through 300-level. Students should consult an English Department Academic Advisor in choosing their electives.

Creative Writing Sequence:

- 43 hours total in English required, exclusive of ENG 101.
- 22 hours in English required: ENG 100 with a grade of C or better, ENG 102 and 300; 3 hours from ENG 284 or 286; 3 hours selected from language and linguistics courses: ENG 241, 243, 245, 310, 311, 341, or 342; 6 hours selected from the following areas: British Literature, American Literature, Global Literature, Children's Literature, or Women's Literature; 3 hours from ENG 206, 252, 260, 261, 265, 266, 267, 352, 360, 365, or a similar course in another department (consult advisor).
- 6 additional hours of English major electives at the 300 level.
- 12 hours creative writing courses as follows: 6 hours from ENG 247A01, 247A02, or 247A03 (genres may be repeated if content is different); 6 hours from 347A01, 347A02, or 347A03 (genres may not be repeated).
- 3 hours from ENG 357.

NOTE: A student who meets the ENG 247 prerequisite by taking ENG 227 will require 46 hours to complete the sequence.

Publishing Studies Sequence:

- 2.75 GPA in English courses taken at Illinois State University required.
- 46 hours required.
- 16 hours in English required: ENG 100 with a grade of C or better, ENG 102 and 300; 3 hours selected from ENG 227, 284, 285, or 286; 6 hours selected from 2 of the following areas: British Literatures and Cultures, American Literatures and Cultures, Global Literatures and Cultures, Children's Literature, or Women's Literature.
- 9 hours of foundational courses: ENG 249 or 283, 253, and 254.
- 12 hours of advanced courses with 9 hours at the 300 level selected from: ENG 239, 244, 247, 350, 351, 353, 355, 356, 357, or 358.
- 6 hours of ENG 398.
- 3 hours of English major electives at the 200 and/or 300 level.

English Teacher Education Sequence:

- To graduate in the English Major.
- Admission to the English Teacher Education Sequence is limited and is based on space availability and competitiveness of the applicant.
- A 3.00 GPA in the major, a grade of C or better in all required major courses, and adherence to all application procedures and deadlines is required for admission to Professional Studies and Student Teaching. Deadlines and information about application forms and procedures for admission to Professional Studies and Student Teaching are available from the Council for Teacher Education and on the English Department website and are strictly enforced.
- 46 hours in English required, exclusive of ENG 101.
- Completion of entitlement program leading to licensure: secondary 9-12.
- Professional Education requirements: EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219; and STT 399A09 Student Teaching.
- Required courses for licensure and accreditation (18 hours): ENG 194, 243, 246, 283, 296, and 297. ENG 194, 296 and 297 must be completed with a grade of C or better; these courses include 35 clock-hours of state-mandated pre-student teaching Clinical Experiences.
- Additional required courses (7 hours): ENG 100 with a grade of C or better, ENG 102 and 300.
- 3 hours of British literature selected from ENG 110, 213, 214, 216, 217, 218, 219, 222, 311, 320, 324, 327, 328, 329, 378, 386, 387, 388.
- 3 hours of American literature selected from ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 267, 328, 332, 336, 365.
- 3 hours in language and linguistics selected from ENG 241, 310.
- 3 hours in non-Western literature selected from ENG 206, 255, 261, 266, 352, 374.
- 3 hours in adolescent literature: ENG 375.
- 6 hours of English electives must be completed at the 200- through 300-level. Students should select their electives in consultation with the English Education Advisor.

MINOR IN ENGLISH

- 18 hours in English required, *exclusive* of ENG 101 and courses in the teaching of English (291, 295, 296, 297, 395).
- Required courses: 3 hours of literature selected from ENG 110, 130, 150; 3 hours of writing selected from ENG 246, 247, 248, 249, 347, 349; 3 hours of language selected from ENG 241, 243, 244, 245, 310, 341, 342; 9 hours of electives selected from ENG 160, 165, 229, 250, 251, 260, 261, 271, 272, 308, 360, 365, 370 (courses that were not selected from the literature, writing, or language course lists can also serve as electives).
- At least 12 of the 18 hours must be at the 200- through 300-level.

MINOR IN TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

Students enrolling in this program must have at least two years of a foreign language or equivalent at the college level in the case of a native speaker of English, or demonstrated proficiency in English at a level commensurate with the student's role as a language model and instructor in the case of a non-native speaker of English.

- 18 hours required.
- Required courses: ENG 341, 343, 344, 345, and 346; 3 hours selected from ENG 241, 243, 310, 342, 440, and COM 370.
- Elective practicum ENG 394.

Approval for Teaching English as a Second Language:

Students of both graduate and undergraduate standing may obtain an Illinois State Approval for Teaching English as a Second Language by fulfilling the following requirements: (1) fulfill Teacher Education requirements of either the Standard Elementary and/or High School License, (2) complete the 18 hours of required coursework as listed in the minor in TESOL above, and (3) obtain 100 clock hours of ESL Clinical Experience or three months of teaching experience in English as a Second Language at the appropriate level. This practical experience may be obtained by enrolling in ENG 394.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of a having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

MINOR IN WRITING

Courses taken for the Writing Minor may not count for the English Major.

- 24 hours required.
- 6 hours selected from ENG 246, 247, 249.
- 6 hours selected from one of the following areas:
Creative Writing: ENG 347A01, 347A02, 348.
Rhetoric and Composition: ENG 145, 243, 244, 248, 283, 391, 392. Technical Writing: ENG 349, 350, 351, 353.
- 9 hours of electives in writing. May include any of the above courses, ENG 398, and up to six hours in writing courses from other departments: COM 165, 166, 265, 268, 269, 321, 385.
- ENG 396.

English Courses

The courses offered by the Department of English fall into three categories: those for the General Education Program, those for major and minor fields, and those for specialized aspects in English. English 101 is required of all students for the General Education Program, and it is strongly recommended that students take 101 before taking further courses in English.

**100 INTRODUCTION TO ENGLISH STUDIES
3 sem. hrs.**

Critical reading and writing in English Studies. Prerequisites: English major only. Concurrent registration in ENG 102.

**101 COMPOSITION AS CRITICAL INQUIRY
3 sem. hrs.**

Rhetorical approach to writing, taught through extensive collaborative drafting, revising, and editing. Emphasis on critical reading and analysis. Computer-assisted. Not for credit major/minor. May not be taken under the P/NP option.

**101A10 COMPOSITION AS CRITICAL INQUIRY
3 sem. hrs.**

This is the same material covered by ENG 101, but is structured to provide additional assistance to students in the form of smaller class size and provide writing consultants. In addition to class meetings students will meet with the writing consultants during one additional hour a week. Computer-assisted. Not for credit major/minor. May not be taken under the P/NP option.

**102 INTRODUCTION TO ENGLISH
STUDIES PROSEMINAR
1 sem. hr.**

A structured proseminar designed to introduce students to the complex intellectual and professional aspects of the degree in English Studies. CR/NC only. Prerequisite: Concurrent registration in ENG 100.

**110 ENGLISH LITERATURE AND
ITS CONTEXTS H
3 sem. hrs.**

A historical study of the main movements in English literature. Readings of entire works representative of the movements. Prerequisites: COM 110 and ENG 101.

**124 FILM STYLE AND LITERATURE LH
3 sem. hrs.**

An introduction to the analysis of films and their literary components through an application of specialized terms and concepts. Prerequisite: ENG 101.

**125 LITERARY NARRATIVE LH
3 sem. hrs.**

Critical reading and analysis of a variety of literary narratives that reflect on human experience. May not be taken under the P/NP option. Also offered as LAN 125. Not for credit major/minor. Prerequisites: COM 110 and ENG 101 or concurrent registration.

**128 GENDER IN THE HUMANITIES LH
3 sem. hrs.**

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures. May not be taken under the P/NP option. Also offered as COM/LAN 128. Prerequisites: COM 110 and ENG 101 or concurrent registration.

**130 SURVEY OF AMERICAN LITERATURE
3 sem. hrs.**

A historical study of the main movements in American literature. Readings of entire works representative of the movements.

**131 AMERICAN CULTURE:
TRADITIONS AND TEXTS UST
3 sem. hrs.**

Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art. May not be taken under the P/NP option. Also offered as HIS 131. Not for credit major/minor.

**143 UNITY AND DIVERSITY
IN LANGUAGE SS
3 sem. hrs.**

Study of the structure of language (phonetics, phonology, morphology, syntax, semantics) as it reflects cognition, social relations, cultural conventions, and speech communities. Also offered as ANT/LAN 143. Prerequisites: COM 110 and ENG 101.

**145 WRITING IN THE ACADEMIC DISCIPLINES
3 sem. hrs.**

Introduction to research-based writing for multiple academic audiences. Computer-assisted. Prerequisite: ENG 101.

**145A12 COMPOSITION FOR
PRESIDENTIAL SCHOLARS**
3 sem. hrs.

Introduction to research-based writing for multiple academic audiences. Computer-assisted. Prerequisite: Intended for Presidential Scholars; ENG 101.

**145A13 WRITING BUSINESS AND
GOVERNMENT ORGANIZATIONS**
3 sem. hrs.

Introduction to research-based writing for multiple academic audiences. Computer-assisted. Prerequisite: ENG 101.

**150 WORLD LITERATURE TO
14TH CENTURY** H
3 sem. hrs.

Readings in ancient and medieval literature, including Dante. Prerequisites: COM 110 and ENG 101.

**160 INTRODUCTION TO STUDIES IN
WOMEN'S WRITING**
3 sem. hrs.

Readings in a variety of genres and historical periods.

**165 INTRODUCTION TO
AFRICAN-AMERICAN
LITERATURE AND CULTURE**
3 sem. hrs.

Selected topics in African-American literature and culture.

**170 FOUNDATIONS IN LITERATURE
FOR CHILDREN**
3 sem. hrs.

Introduction to genres of children's literature, including mythologies, fairy tales, picture books, poetry, and historical, multicultural, and current prose.

194 INTRODUCTION TO ENGLISH EDUCATION
3 sem. hrs.

This course introduces current scholarship in the field of English Education, including learning theory, teacher research, culturally responsive teaching, and professional practice. Formerly ENG 289.30. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or concurrent registration. Admission to teacher candidacy in English.

**201 SPECIALIZED KNOWLEDGE AND
INTEGRATIVE CONTEXTS IN
ENGLISH STUDIES**
3 sem. hrs.

Study of a specialized topic (a writer, a literary form, a concept in linguistics or in writing, etc.) from several disciplinary perspectives within English Studies. May repeat if content differs. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

**206 CULTURAL EXPRESSIONS IN SOCIAL
CONTEXTS: WOMEN OF ASIA, LATIN
AMERICA AND AFRICA** H
3 sem. hrs.

Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern. Also offered as LAN 206. Prerequisites: COM 110 and ENG 101.

213 MEDIEVAL STUDIES
3 sem. hrs.

Literature written in English from the 8th century to the 15th. Prerequisites: ENG 100 with a grade C or better, ENG 102, or consent of the instructor.

214 EARLY MODERN STUDIES
3 sem. hrs.

Studies of texts in a variety of genres from the 16th and 17th centuries. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

**216 STUDIES IN EIGHTEENTH
CENTURY ENGLISH LITERATURE**
3 sem. hrs.

Selected writers and genres from the restoration of Charles II to the crown in 1660 to the beginnings of Romanticism. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

217 STUDIES IN ROMANTICISM
3 sem. hrs.

Studies of texts from the Romantic period. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

218 STUDIES IN THE VICTORIAN PERIOD
3 sem. hrs.

Studies of texts from the 19th century. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

**219 STUDIES IN CONTEMPORARY
ENGLISH LITERATURE**
3 sem. hrs.

Studies in texts written in English from the Contemporary period. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

222 STUDIES IN SHAKESPEARE
3 sem. hrs.

Selected readings with emphasis on the relationship between the author, the text, and the larger culture. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

227 INTRODUCTION TO CREATIVE WRITING
3 sem. hrs.

Opportunity for creative writing of various kinds, such as poetry, fiction, and nonfiction.

**229 INTRODUCTION TO LITERARY
GENRES** H
3 sem. hrs.

Formal and historical study of literary genres—poetry, drama, prose narrative—as structures of knowledge. Not for credit Major. Prerequisites: COM 110 and ENG 101.

231 AMERICAN LITERATURE THROUGH 1830
3 sem. hrs.

Colonial American writers from the beginnings of American literature through the early national period. Formerly *AMERICAN LITERATURE: 1607-1830*. Prerequisites: ENG 100 with a grade of C or better; ENG 102, or consent of the instructor.

254 INTRODUCTION TO PROFESSIONAL PUBLISHING
3 sem. hrs.

Study and practice of editorial, production, printing, and marketing processes involved with producing a book or journal. Computer assisted. Materials charge optional. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor, and grade of B or better in ENG 101.

255 MODERN GLOBAL LITERATURE: 1800-PRESENT
3 sem. hrs.

Comparative study of significant texts of modern global literature. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

260 HISTORY OF LITERATURE BY WOMEN
3 sem. hrs.

A historical overview of writing by women. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

261 WOMEN'S LITERATURE IN A GLOBAL CONTEXT H
3 sem. hrs.

Literature by women of diverse ethnicities to examine varieties of texts and their cultural construction. Prerequisites: COM 110 and ENG 101.

265 FOUNDATIONS OF AFRICAN-AMERICAN LITERATURE AND CULTURE
3 sem. hrs.

Concepts, themes, generic conventions, and major historical events and figures central to African-American literature and culture. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

266 NATIVE AMERICAN LITERATURE AND CULTURE
3 sem. hrs.

Study of Native American literature, orality, and culture. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor.

267 FOUNDATIONS OF U.S. LATINO/A LITERATURES AND CULTURES
3 sem. hrs.

Concepts, themes, genre conventions, and major historical events and figures significant in U.S. Latino/a literatures and cultures. Prerequisites: ENG 100 with a grade C or better, ENG 102 or SOC 109 or consent of the instructor.

268 INTRODUCTION TO PLAYWRITING
3 sem. hrs.

Introduction to playwriting; an exploration of the fundamental techniques as related to the development of the craft of playwriting. Also offered as THE 268.

271 LITERATURE FOR YOUNG CHILDREN
3 sem. hrs.

Analysis of works written for children ages 5 to 9, including multicultural picture books, fairy tales, poetry, and chapter books. Does not repeat material of ENG 170.

272 LITERATURE FOR MIDDLE GRADES
3 sem. hrs.

Analysis of works written for children ages 9 to 13, including multicultural novels and information books, children's media, and culture. Does not repeat material of ENG 170.

283 RHETORICAL THEORY AND APPLICATIONS
3 sem. hrs.

Critical and analytical examination of the nature and historical development of rhetorical theory and its applications to contemporary discourse. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor. English major only.

284 POETRY
3 sem. hrs.

Critical and analytical examination of the nature and historical development of poetry. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor. English major only.

285 DRAMA
3 sem. hrs.

Critical and analytical examination of the nature and historical development of drama as a genre. May be repeated if content is different; maximum of 9 hours. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor. English major only.

286 PROSE
3 sem. hrs.

Critical and analytical examination of the nature and historical development of prose literature—fiction and non-fiction. Prerequisites: ENG 100 with a grade of C or better, ENG 102, or consent of the instructor. English major only.

290 LANGUAGE ARTS
3 sem. hrs.

Study of language acquisition and research in critical thinking, listening, speaking, writing, vocabulary development, usage, and spelling for children.

295 TEACHING LITERATURE AND WRITING IN THE MIDDLE SCHOOL
3 sem. hrs.

Surveys recent scholarship on composition and literary theory and examines implications for teaching literature and writing at the middle school level. Not to be taken by English Education major without consent of the instructor or department.

296 THE TEACHING OF LITERATURE
3 sem. hrs.

Examines current scholarship in the teaching of literature at the secondary level; integrates theories of teaching literature with teaching practice. Includes Clinical Experiences: 10 hours. Prerequisites: Admission to Professional Studies; grade of C or better in ENG 194 and TCH 216; completion of one of the following: ENG 110, 213, 214, 216, 217, 218, 219, 311, 320, 324, 325, 327, 328, 329, 378, 386, 387, 388; and one of the following: ENG 130, 165, 231, 232, 233, 234, 236, 265, 266, 328, 332, 336, 365.

297 THE TEACHING OF WRITING**3 sem. hrs.**

Examines current scholarship in the teaching of writing at the secondary level; integrates theories of teaching writing with teaching practice. Includes Clinical Experiences: 15 hours. Prerequisites: Grade of C or better in ENG 243, 246, 296. Admission to Professional Studies.

300 SENIOR SEMINAR**3 sem. hrs.**

Capstone course for English majors, synthesizing the main dimensions of English studies. Requires senior project and portfolio. Prerequisites: Grade of C or better in ENG 100; ENG 102; English major, senior standing and consent of the instructor.

308 LITERATURE AND THE RELATED ARTS**3 sem. hrs.**

Formal, aesthetic, and cultural relationships among literature, art, music, drama, film, and other related arts. Prerequisite: A minimum of 45 hours completed or consent of the instructor.

310 HISTORY AND DEVELOPMENT OF THE ENGLISH LANGUAGE**3 sem. hrs.**

Development of the English language from the Old English period to the present. Prerequisite: A minimum of 45 hours completed or consent of the instructor.

311 INTRODUCTION TO OLD ENGLISH LANGUAGE AND LITERATURE**3 sem. hrs.**

Elements of Old English grammar, with selected readings in Old English literature. Prerequisite: A minimum of 45 hours completed or consent of the instructor.

320 CHAUCER**3 sem. hrs.**

Literary and linguistic study of the major works of Chaucer; text in Middle English. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed or consent of the instructor.

324 MILTON**3 sem. hrs.**

Poetry and prose of John Milton. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed or consent of the instructor.

327 RESTORATION AND EIGHTEENTH-CENTURY DRAMA**3 sem. hrs.**

English drama from the opening of the theatres in 1660 to the turn of the nineteenth century. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed or consent of the instructor.

328 MODERN DRAMA**3 sem. hrs.**

20th-century drama written in English and related criticism. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed or consent of the instructor.

329 SELECTED FIGURES IN ENGLISH LITERATURE**3 sem. hrs.**

Topics in specific literary figures, genres, or movements. May repeat if content differs. Prerequisites: ENG 100 with a grade of C or better, ENG 102, A minimum of 45 hours completed or consent of the instructor.

332 SELECTED FIGURES IN AMERICAN LITERATURE**3 sem. hrs.**

Topics in literary figures, genres, or movements. May repeat if content differs. Prerequisites: Grade of C or better in ENG 100; ENG 102, and a minimum of 45 hours completed, or consent of the instructor.

336 THE AMERICAN NOVEL**3 sem. hrs.**

Historical survey of major American novelists. May repeat if content differs; maximum 6 hours. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed, or consent of the instructor.

341 INTRODUCTION TO DESCRIPTIVE LINGUISTICS**3 sem. hrs.**

Aims and methods of linguistic science. Nature and functions of language: phonology, morphology, syntax, variation. Prerequisite: A minimum of 45 hours completed or consent of the instructor.

342 SOCIOLINGUISTICS**3 sem. hrs.**

Social significance of language variation: regional, social, ethnic dialects; attitudes toward variation. Multilingual societies, language choice, language shift, language planning. Also offered as ANT 342. Prerequisite: A minimum of 45 hours completed or consent of the instructor.

343 CROSS-CULTURAL ISSUES IN TESOL**3 sem. hrs.**

The relationship between language, culture, and cultural awareness in the learning and teaching of English as a Second Language. Prerequisites: ENG 241 or 243 or 341. Junior/senior standing or consent of the instructor.

344 TESOL: THEORETICAL FOUNDATIONS**3 sem. hrs.**

Linguistic theories; first and second language acquisition; cognitive, affective, and cultural factors in teaching English as a Second Language. Prerequisites: ENG 243 or 341. Junior/senior standing or consent of the instructor.

345 TESOL: METHODS AND MATERIALS**3 sem. hrs.**

Methodologies and techniques for teaching English as a Second Language; evaluation of materials for various levels and instructional goals. Includes Clinical Experiences. Prerequisites: ENG 344. A minimum of 45 hours completed or consent of the instructor.

346 ASSESSMENT AND TESTING IN ESL**3 sem. hrs.**

Assessing oral and written proficiency in English as a Second Language. Prerequisites: ENG 341. A minimum of 45 hours completed or consent of the instructor.

347 ADVANCED CREATIVE WRITING
3 sem. hrs.

Workshop format for individual projects; related theory. May repeat if content differs. Contact the Department to see when the following topics will be offered. Prerequisites: ENG 247 or graduate standing. A minimum of 45 hours completed or consent of the instructor.

**347A01 ADVANCED CREATIVE WRITING:
 POETRY**
3 sem. hrs.

Workshop format for individual projects; related theory. Prerequisites: ENG 247 or graduate standing. A minimum of 45 hours completed or consent of the instructor.

**347A02 ADVANCED CREATIVE WRITING:
 PROSE**
3 sem. hrs.

Workshop format for individual projects; related theory. Prerequisites: ENG 247 or graduate standing. A minimum of 45 hours completed or consent of the instructor.

**347A03 ADVANCED CREATIVE WRITING:
 CREATIVE NONFICTION**
3 sem. hrs.

Workshop format for individual projects; related theory. Prerequisites: ENG 247 or graduate standing. A minimum of 45 hours completed or consent of the instructor.

348 PLAYWRITING
3 sem. hrs.

Playwriting techniques of selected masters with practical application of techniques in writing original plays. Also offered as THE 348.

349 TECHNICAL WRITING II
3 sem. hrs.

Instruction and practice in editing, proposals, and analytical writing; attention given to style manuals, research writing, and (as needed) publication. Computer-assisted. Also offered as TEC 349. Materials charge optional. Prerequisites: ENG 249 or graduate standing. A minimum of 45 hours completed or consent of the instructor.

350 VISIBLE RHETORIC
3 sem. hrs.

Document design as a rhetorical activity and the application of theories of visible rhetoric to document production. Computer-assisted. Materials charge optional. Prerequisites: A minimum of 45 hours completed; ENG 239, 246, 247, or 249 or consent of the instructor.

351 HYPERTEXT
3 sem. hrs.

Workshop using digital technologies to compose complex, multimodal, Web-based texts for a variety of rhetorical situations. Computer-assisted. Prerequisites: A minimum of 45 hours completed; ENG 239, 246, 247, or 249 or consent of the instructor.

**352 SELECTED FIGURES IN
 GLOBAL LITERATURE**
3 sem. hrs.

Studies in literary figures, genres, or movements. May repeat if content different. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed or consent of the instructor.

353 TECHNICAL EDITING
3 sem. hrs.

Theory and practice of editing and management of documentation in industry and other organizational settings. Computer assisted. Prerequisites: ENG 244 or COM 166; a minimum of 45 hours completed or graduate status or consent of the instructor.

**355 FORENSIC BIBLIOGRAPHY AND
 ARCHIVAL EDITING**
3 sem. hrs.

History of print culture from orality to digital text; introduction to principles and practices of bibliographic investigation and scholarly editing. Prerequisites: ENG 100 with a grade of C or better, ENG 102, a minimum of 45 hours completed; or consent of the instructor.

357 STUDIES IN CREATIVE WRITING
3 sem. hrs.

Survey of theories creative writers explicitly and implicitly employ and consider. Includes editing, analysis, and writing of creative and theoretical texts. Formerly *THEORIES OF CREATING WRITING GENESIS*. May be repeated if content is different; maximum of 9 semester hours. Prerequisites: Grade of B or better in any 200-level writing course; a minimum of 45 hours completed or graduate standing or consent of the instructor.

358 TOPICS IN PUBLISHING STUDIES
3 sem. hrs.

Topics in specific theories, histories, trends, methodologies, practices, or figures in publishing. Not for credit if had ENG 354. Prerequisites: ENG 100 with a grade of C or better, ENG 102, and a minimum of 45 hours completed or consent of the instructor.

360 STUDIES IN WOMEN'S WRITING
3 sem. hrs.

Studies in and theories of women's writing. May repeat if content differs; maximum 6 hours. Prerequisite: A minimum of 45 hours completed or consent of the instructor.

**365 MOVEMENTS AND PERIODS IN
 AFRICAN-AMERICAN LITERATURE
 AND CULTURE**
3 sem. hrs.

Advanced critical study of major movements and periods in African-American literature. May repeat if content different. Prerequisites: Grade of C or better in ENG 100; ENG 102, a minimum of 45 hours completed, or consent of the instructor.

**370 STUDIES IN THE HISTORY OF
 LITERATURE FOR YOUNG PEOPLE**
3 sem. hrs.

Advanced critical, chronological examination of literature for children and adolescents from folklore origins to 1945. May repeat if content different. Prerequisites: A minimum of 45 hours completed; ENG 170 or consent of the instructor.

**372 STUDIES IN CONTEMPORARY
 LITERATURE FOR YOUNG PEOPLE**
3 sem. hrs.

Advanced critical examination of 20th and 21st century literature for children and young adults with emphasis on trends and research. May repeat if content different. Prerequisites: A minimum of 45 hours completed; ENG 170 or consent of the instructor.

373 POETRY FOR CHILDREN**3 sem. hrs.**

Poetry for children and early adolescents, including various categories, elements, and well-known poets in the field. May repeat if content different; maximum 6 hours. Prerequisites: A minimum of 45 hours completed, ENG 170, or consent of the instructor.

374 STORYTELLING**3 sem. hrs.**

The art of storytelling based on knowledge of folklore heritage with experiences in oral transmission of literature in a variety of settings. Prerequisite: A minimum of 45 hours completed or consent of the instructor.

375 YOUNG ADULT LITERATURE**3 sem. hrs.**

Advanced critical examination of literature for young adults with emphasis on trends and research. May repeat if content is different. Prerequisite: A minimum of 45 hours completed or consent of the instructor.

378 SHAKESPEARE ON STAGE**3 sem. hrs.**

An intensive study of Shakespeare's plays in production. May repeat; maximum 6 hours. Also offered as THE 378. Prerequisites: Grade of C or better in ENG 100 and a minimum of 45 hours completed or consent of the instructor.

381 STUDIES IN LITERARY GENRES**3 sem. hrs.**

Advanced study in one or more literary types or genre. May be repeated if content different. Prerequisites: Grade of C or better in ENG 100; ENG 102, A minimum of 45 hours completed or consent of the instructor.

384 INTRODUCTION TO CULTURAL THEORY**3 sem. hrs.**

Introduction to the history and practice of cultural theory. Prerequisites: Grade of C or better in ENG 100; ENG 102, A minimum of 45 hours completed or consent of the instructor.

385 LIFE WRITING/NARRATIVE IN THEORY AND PRACTICE**3 sem. hrs.**

Theoretical and practical consideration of interdisciplinary field of life writing/narrative. Textual production and reception, representation, rhetoric, memory, narrative, genre. Formerly ENG 389.26. Prerequisites: ENG 246 or 247 or equivalent and a grade of C or better in ENG 100. A minimum of 45 hours completed or graduate standing or consent of the instructor.

386 THE EIGHTEENTH-CENTURY ENGLISH NOVEL**3 sem. hrs.**

The English novel from its origins through the 18th century. Prerequisites: Grade of C or better in ENG 100; ENG 102, a minimum of 45 hours completed, or consent of the instructor.

391 ANCIENT RHETORICS**3 sem. hrs.**

Comparative theoretical study of ancient rhetorical traditions. Formerly *SURVEY OF CLASSICAL RHETORIC*. Prerequisites: Grade of C or better in ENG 100; ENG 102 and 283; a minimum of 45 hours completed or consent of the instructor.

392 CONTEMPORARY RHETORICAL THEORIES**3 sem. hrs.**

Study of the principles of rhetoric to serve as basis for understanding contemporary rhetorical theories. Formerly *MODERN THEORIES OF RHETORIC*. Prerequisites: Grade of C or better in ENG 100, ENG 102 and 283, a minimum of 45 hours completed, or consent of the instructor.

394 TESOL PRACTICUM**1-6 sem. hrs.**

Observation, case studies, tutoring, instructional assistance, and some teaching experience in English as a Second Language. Prerequisite: ENG 345.

395 PROBLEMS IN THE TEACHING OF ENGLISH**3 sem. hrs.**

Theory and practice in the teaching of language, literature, and composition at the secondary and community college levels. May repeat if topic differs. Prerequisites: Grade of C or better in ENG 100; ENG 102, A minimum of 45 hours completed, or consent of the instructor, or experience in teaching (student teaching acceptable).

396 THE WRITING SEMINAR**3 sem. hrs.**

Concentration upon a major writing project and the formulation of an individual Writing Portfolio. Prerequisites: ENG 246, 247, or 249, or graduate standing or consent of the instructor. A minimum of 45 hours completed.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN ENGLISH**1-6 sem. hrs.**

Supervised field experience in English with local, state, national, and international businesses, agencies, institutions (including colleges and universities), and organizations. May repeat; maximum 6 hours toward major/minor; maximum 16 hours toward graduation. Prerequisite: Consent of the instructor.

GEOGRAPHY-GEOLOGY (GEO)

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206 Felmley Hall, (309) 438-7649
Website: Geo.IllinoisState.edu

Chairperson: Dagmar Budikova.

Tenured/Tenure-track Faculty:

University Professor: Malone.

Professors: Budikova, Day, Peterson.

Associate Professors: Kostelnick, O'Reilly, Thayn.

Assistant Professors: Banik, Himley, Orzeck, Rowley, Tranel, Zintambila.

General Department Information

HONORS IN GEOGRAPHY-GEOLOGY

The Department of Geography-Geology invites qualified Geography and Geology majors to distinguish themselves by earning Honors through approved course work and independent study. Students who enroll in the Honors program will have the opportunity to work closely with selected faculty. Those students who complete the requirements will graduate with Departmental Honors, which will be indicated on their transcript and diploma. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Admissions Requirements:

Students majoring in the Geography-Geology Department may be admitted to the Departmental Honors Program if they have (1) completed at least 45 hours of college-level courses, (2) a cumulative GPA of 3.30 and at least 3.50 in the major, and (3) are a member of the University Honors Program.

Honors Study Requirements:

In order to graduate with honors in the Geography-Geology Department, a student must complete (1) all university graduation requirements, (2) all regular requirements for the major, (3) at least 12 hours of Honors work in the major, including at least 3 hours of Honors Independent Study (GEO 299) with the other 9 hours distributed among in-course honors in Geography for Geography majors or Geology for Geology majors, (4) maintain a cumulative GPA of at least 3.30 and at least 3.50 in the major, and (5) apply to the Honors Office during the first month of the graduation semester for Honors Degree designation.

Geography Programs

Degrees Offered: B.A., B.S.

MAJOR IN GEOGRAPHY

Programs must be planned in consultation with the program advisor.

- Minimum of 50 hours required. All Geography majors should consult with the program advisor concerning appropriate elective coursework in related fields. The

faculty also recommends that students consider participating in a Study Abroad program as a means of experiencing different cultural settings.

- Required courses: GEO 100, 142, 204, 205, 238, 300, 303, 315, 398; 2 courses from GEO 135, 215, 220, 245; 250, or 306; 15 hours 200-300 level Geography courses.
- Students must earn a grade of C or better in all required courses to be eligible to participate in GEO 398.

Geography Teacher Education Sequence:

Advisor: Jill Freund Thomas (309) 438-8403

- Minimum of 56 hours required. Part of entitlement program leading to teacher licensure with a secondary 6-12 endorsement. Student must plan program in consultation with an advisor.
- Required courses: GEO 100, 135, 142, 204, 205, 261, 300, 307, 315;
Regional course: 3 hours from GEO 215, 220, 235, 240 or 250;
- Advanced social science elective courses: 9 hours from GEO 310, 313, 331, 334, 336, or 342.
- Supporting courses required (16 hours): ECO 105; HIS 101 or 102, 135 or 136; POL 101 or 106; SOC 106.
- To qualify for the professional educator license, the student must complete the Professional Education requirements: EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219; STT 399A18 Student Teaching; and the General Education requirements as described in this *Undergraduate Catalog*.
- **NOTE:** A 2.75 GPA in the major and overall is required for admission to Student Teaching. Deadlines for admission to Professional Studies and Student Teaching are available from the Cecelia J. Lauby Teacher Education Center.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools, in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with

clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

MINOR IN GEOGRAPHY

- 21 hours in Geography required.
- Required courses: GEO 100; GEO 135 or 142.

MINOR IN ENVIRONMENTAL STUDIES

The Minor in Environmental Studies is a multidisciplinary program that is available to students in any undergraduate major. The mission of the Environmental Studies Minor Program is to increase awareness of the interrelationships that exist between humans and the natural environment. Students will broaden their understanding of environmental issues as well as connections between human-made and natural environments. Knowledge and skills acquired through the program will help prepare students for further academic studies or for an environment-related career. Students should plan their minor program with the assistance of the Environmental Studies advisor.

- Minimum of 25 hours required.
- Required courses: GEO 100 and 205.
- Choose 3 courses from: AGR 157, 203, 234; BSC 196, 201 or 202, 212, 222, 223, 337, 375, 376, 378, 379; CHE 280; GEO 207, 211, 276, 341, 344, 361, 380; HSC 257; PHY 207.
- Choose 3 courses from: ECO 255; ENG 249; GEO 303, 334; HIS 240; HSC 156; PHI 236, 250; POL 232, 236, 254; SOC 330, 362.
- Students may choose to pursue one environmentally-based independent study or one environmentally-based internship to fulfill up to 3 credits toward the minor. Prior approval of the Advisor of the Minor in Environmental Studies is required for the student to receive credit for this experience toward fulfilling the requirements for the minor. Arrangement for supervision of the internship experience must be handled through the student's major department.

NOTE: No more than 9 hours may be selected from the student's major department.

Geology Programs

Degrees Offered: B.S.

MAJOR IN GEOLOGY

Advisor: Dave Malone, (309) 438-2692.

Traditional Sequence:

- 40 hours in Geology required.
- Required courses: GEO 202, 203, 280, 285, 290, 295, 296, 395 and one of the following applied quantitative courses: GEO 303, 360, 361, 362, or 364.
- Required interdisciplinary courses: CHE 140 or equivalent, and CHE 141; MAT 145 and 146; PHY 108 and 109 (or 110 and 111).
- Students must complete all core courses with a grade of C or better to be able to enroll in GEO 395.

Earth and Space Science Teacher Education Sequence:

Advisors: Lisa Tranel (for content requirements) and Jill Thomas (for professional teaching requirements)

- 83 total hours required.
- 57 hours in Geology, Geography, Physics, Chemistry, and Biological Sciences required.
- Required courses (23 hours): GEO 202, 203, 211, 280, 290, 295 and 307.
- Any 6 credit hours selected from advanced GEO science courses (at the 200-level or above).
- Required interdisciplinary courses (28 hours): BSC 196, 197; CHE 110; PHY 108, 109, 208, and 311.
- To qualify for the professional educator license, the student must complete the Professional Education requirements (26 hours): EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219; STT 399A17 (12 hours) Student Teaching.
- **NOTE:** A 2.50 GPA in the major and overall is required for admission to Professional Studies and a 2.75 GPA for admission to Student Teaching. Deadlines for admission to Professional Studies and Student Teaching are available from the Cecilia J. Lauby Center for Teacher Education.

MINOR IN GEOLOGY

- 22 hours in Geology required.
- Required courses: GEO 102, 202 and 203.

Geography Courses (GEO)

100 EARTH SYSTEMS SCIENCE

4 sem. hrs.

Introduction to geographic perspectives on Earth's dynamic systems. The atmosphere weather, climate, water, rocks, landforms, soils, and ecosystems are discussed. Lecture and lab.

135 WORLD GEOGRAPHY

SS

3 sem. hrs.

Regional studies of the peoples, languages, religions, economic activities, and settlement patterns of the world.

184 Geography-Geology

**138 QUANTITATIVE REASONING
IN THE GEOSCIENCES QR**
3 sem. hrs.

Introduction to modern techniques used to visualize and analyze quantitative data in the geosciences. May not be taken under the P/NP option. Not for credit if had ECO 138; POL 138; or MQM 100. Prerequisite: MAT 120 or 130 or 145, or consent of the instructor.

142 HUMAN GEOGRAPHY UST
3 sem. hrs.

An introduction to geographic dimensions of human, political, cultural, economic, and environmental activity in the United States and within a broader world context. May not be taken under the P/NP option. Not for credit if had GEO 140.

204 DOING GEOGRAPHY
3 sem. hrs.

Introduction to geographical methodology and techniques with an emphasis on development of skills in analyzing spatial data.

205 LIVING IN THE ENVIRONMENT
3 sem. hrs.

The human interactions with the natural environment. Emphasizes soil, wildlife, forest, mineral and fuel, water and air conservation.

208 POLITICAL GEOGRAPHY
3 sem. hrs.

Introduction to the field of political geography. Emphasis on spatial patterns of political activity. Prerequisite: Completion of 45 semester hours or equivalent or consent of the instructor.

211 EARTH'S DYNAMIC WEATHER SMT
3 sem. hrs.

Dynamic aspects of weather and climate from global to local scales with emphasis on how we gather, analyze, and understand weather information. Not for credit Geography major.

220 ILLINOIS
3 sem. hrs.

Boundaries, physical setting, environment concerns, patterns of human occupancy, regional characteristics. Prerequisite: Completion of 45 semester hours or equivalent or consent of the instructor.

235 GEOGRAPHY OF EMERGING AREAS SS
3 sem. hrs.

Current cultural realities of major emerging geographic regions are examined in light of how they affect geography and how geography affects the cultures. Regions vary by topic. Contact the Department for availability of the following topics. Prerequisites: COM 110 and ENG 101.

**235A01 GEOGRAPHY OF EMERGING
AREAS: AFRICA SS**
3 sem. hrs.

Current cultural realities of major emerging geographic regions are examined in light of how they affect geography and how geography affects the cultures. Prerequisites: COM 110 and ENG 101.

**235A02 GEOGRAPHY OF EMERGING AREAS:
LATIN AMERICA SS**
3 sem. hrs.

Current cultural realities of major emerging geographic regions are examined in light of how they affect geography and how geography affects the cultures. Prerequisites: COM 110 and ENG 101.

**235A04 GEOGRAPHY OF EMERGING AREAS:
MIDDLE EAST SS**
3 sem. hrs.

Current cultural realities of major emerging geographic regions are examined in light of how they affect geography and how geography affects the cultures. Prerequisites: COM 110 and ENG 101.

238 STATISTICS FOR GEOGRAPHERS I
3 sem. hrs.

Introduction to uni-variate parametric statistical methods routinely used by geographers. Formerly *QUANTITATIVE METHODS IN GEOGRAPHY I*.

250 AFRICA
3 sem. hrs.

Regional study of Africa. Patterns of society as related to the natural environment. Prerequisite: Completion of 45 semester hours or equivalent or consent of the instructor.

**261 TEACHING SOCIAL SCIENCE IN A
GEOGRAPHICAL CONTEXT**
3 sem. hrs.

This course introduces students to all aspects of teaching the social sciences including social foundations, standards, pedagogy, activities, and assessment. Prerequisites: Completion of 45 hours and admission to the Geography Education program and/or consent of the instructor.

265 OUR NATIONAL PARKS
3 sem. hrs.

National Parks of the United States in terms of physiography, geology, climate, flora, fauna, and scenic qualities. Prerequisite: Completion of 45 semester hours or equivalent or consent of the instructor.

**298A01 PROFESSIONAL PRACTICE: INTERNSHIP
IN ENVIRONMENTAL GEOGRAPHY**
1-3 sem. hrs.

Planned, supervised, paid or unpaid professional practice in environmental geography with a public or private organization. Maximum of 3 semester hours credit toward the Minor in Environmental Studies; 40 hours internship per semester hour credit. Prerequisite: Prior approval by Minor in Environmental Studies Advisor or Geography-Geology Department Chair. Advanced arrangements required.

300 CARTOGRAPHY
3 sem. hrs.

Theory and techniques regarding graphic representation of statistical data, including compilation, drafting, and reproduction of various types of thematic maps. Drafting supplies required.

303 GEOGRAPHIC INFORMATION SYSTEMS
3 sem. hrs.

Fundamental principles of geographic information systems; emphasis on raster and vector based systems and their applications to spatial analysis.

304 GEOGRAPHIC INFORMATION SYSTEMS APPLICATIONS

3 sem. hrs.

Advanced applications in geographic information systems (GIS) with an emphasis on problem-solving, advanced GIS analysis techniques, and a survey of raster and vector based GIS software and data bases. Prerequisites: GEO 303 required; MAT 120 is recommended.

305 REMOTE SENSING I

3 sem. hrs.

Basic principles of remote sensing, image interpretation, photogrammetry, and digital image processing. Prerequisite: GEO 238 or consent of the instructor.

306 REGIONAL AND AREA STUDIES

1-9 sem. hrs.

Intensive on-site study of particular lands, environments, cultures, and peoples. Field work required. May be repeated with different content. Contact the Department for availability of the following topics. Prerequisite: Consent of the instructor.

306A15 REGIONAL AND AREA STUDIES: WEST TEXAS/NEW MEXICO

1-9 sem. hrs.

Intensive on-site study of particular lands, environments, cultures, and peoples. Field work required. Prerequisite: Consent of the instructor.

306A22 REGIONAL AND AREA STUDIES: GEOGRAPHY OF CHICAGO

3 sem. hrs.

Intensive on-site study of particular lands, environments, cultures, and peoples. Field work required. Prerequisite: Consent of the instructor.

306A26 REGIONAL AND AREA STUDIES: GEOGRAPHY OF JAPAN FIELD EXPERIENCE

3 sem. hrs.

Three-week course in Japan addressing various cultural, historical, and natural landscapes in a number of sites. Prerequisites: Junior/senior standing and consent of the instructor.

307 TEACHING GEOGRAPHY/EARTH SCIENCE

3 sem. hrs.

Approaches to the teaching of geography and earth science in grades 6-12. Includes Clinical Experiences: 35 hours. Prerequisites: Teaching major only. Admission to Professional Studies. Grade of C or better in TCH 216 or concurrent registration. Completion of 8 hours of Geography or Geology.

308 STATISTICS FOR GEOGRAPHERS II

3 sem. hrs.

Use and interpretation of basic statistical techniques in geographical problems. Formerly *QUANTITATIVE METHODS IN GEOGRAPHY II*. Prerequisites: GEO 238; MAT 120 or higher recommended.

310 FIELD GEOGRAPHY

3 sem. hrs.

Techniques for the systematic acquisition and interpretation of geographic field data. Includes introduction to Orienteering. Prerequisites: 9 hours Geography and fieldwork.

313 ENERGY AND SUSTAINABILITY

3 sem. hrs.

Human geographic study of energy, covering political, economic, environmental, and societal aspects of energy. Includes sustainability and energy security. Prerequisite: GEO 205 or consent of the instructor.

315 SEMINAR IN GEOGRAPHY

3 sem. hrs.

Designed to acquaint the student with career opportunities in geography and in related fields. Includes senior field problem. Prerequisites: GEO 204, 300.

331 CULTURAL GEOGRAPHY

3 sem. hrs.

An advanced course in the field and methodology of cultural geography, with an emphasis on the study of place and culture in a globalizing world. Field trip required. Prerequisite: GEO 142 or consent of the instructor.

334 POLITICAL ECOLOGY

3 sem. hrs.

Critical examination of how socio-political and economic systems, processes, and practices are linked globally with contemporary environmental problems. Prerequisite: GEO 205 or consent of the instructor.

336 URBAN GEOGRAPHY

3 sem. hrs.

Internal morphology, external relationships, and other spatial aspects of cities. Prerequisite: A minimum of 45 hours completed.

341 CLIMATE AND GLOBAL ENVIRONMENTAL CHANGE

3 sem. hrs.

An overview of concepts, methods, theory and debates surrounding climate and global environmental change. Prerequisite: GEO 100 or consent of the instructor.

342 ECONOMIC GEOGRAPHY

3 sem. hrs.

Investigates the dynamics of the global economy as well as the processes and actors that shape its spatial organization. Prerequisite: GEO 135 or GEO 142 or consent of the instructor.

344 BIOGEOGRAPHY: DISTRIBUTION OF LIFE

3 sem. hrs.

Theory and application of the geographic distributions of plants and animals and processes that cause these distributions. Lecture and lab. Prerequisite: GEO 100 or consent of the instructor.

351 CARTOGRAPHIC DESIGN

3 sem. hrs.

Advanced techniques in design, production and reproduction of maps. Formerly *CARTOGRAPHIC PROCESSES*. Materials charge optional. Prerequisite: GEO 300.

370 URBAN AND REGIONAL PLANNING

3 sem. hrs.

Introduction to the planning process and the major elements used in plan implementation such as zoning regulations, subdivision regulations, and the official map. Field research may be required. Prerequisite: A minimum of 45 hours completed.

**398A01 PROFESSIONAL PRACTICE:
INTERNSHIP IN GEOGRAPHY**
1-16 sem. hrs.

Planned, supervised professional experience in a public or private organization. The experience provides an introduction to a career in geography. May be paid. Maximum of 4 hours credit toward Geography major; 40 hours intern/credit hour. Prerequisites: A minimum of 75 hours completed or consent of the internship coordinator; 2.20 GPA.

Geology Courses

102 PRINCIPLES OF GEOLOGY NS
3 sem. hrs.

Examination of the principles of geology and the tectonic, rock, hydrologic, and geomorphic cycles in terms of assumptions, forces, products, and consequences. Lecture and lab. Not for credit major/minor. May not be taken under the P/NP option.

202 EVOLUTION OF THE EARTH SMT
3 sem. hrs.

Physical, chemical, and biologic evolution of the earth system as interpreted from rock sequences, fossils, and maps. Emphasis on geologic methodology.

**203 MINERALS, ROCKS, FOSSILS
AND MAPS**
3 sem. hrs.

Mineral, rock and fossil identification and interpretation; recognition and interpretation of structures and surface features from geologic and topographic maps. Lecture and lab.

207 NATURAL DISASTERS SMT
3 sem. hrs.

Science of earth-related natural disasters: occurrences, causes, effects, prediction, prevention, mitigation, related human activity and classic examples. Two 1-hour lectures; one 2-hour discussion/lab per week. Not for credit Geology or Geography majors.

276 ENVIRONMENTAL GEOLOGY
3 sem. hrs.

Recognition of geologic hazards such as earthquakes and floods. Evaluation of geologic resources and the legal and geologic limitation of resource utilization. Prerequisite: Completion of 45 semester hours or equivalent or consent of the instructor.

280 MINERALOGY
4 sem. hrs.

Crystallography, internal structure, chemistry, recognition and occurrence of minerals. Lecture and lab. Prerequisites: GEO 203; CHE 140.

**285 IGNEOUS AND METAMORPHIC
PETROLOGY**
4 sem. hrs.

Description, classification, and origin of igneous and metamorphic rocks. Lecture and lab. Field trip required. Prerequisite: GEO 280.

287A01 INDEPENDENT STUDY: GEOLOGY
1-6 sem. hrs.

290 STRUCTURAL GEOLOGY
4 sem. hrs.

Mechanics and processes of deformation of the earth's crust and the resulting structures. Lecture and lab. Field trip required. Prerequisite: GEO 203 required; MAT 144 is recommended.

295 SEDIMENTOLOGY
3 sem. hrs.

Origin, transportation, deposition, and diagenesis of sedimentary materials with emphasis on classification of sedimentary rocks. Lecture and lab. Field trip required. Formerly *SEDIMENTOLOGY AND STRATIGRAPHY I*. Prerequisite: GEO 203.

296 STRATIGRAPHY
3 sem. hrs.

Distribution, correlation and analysis of stratified rocks. Lecture and lab. Field trip required. Formerly *SEDIMENTOLOGY AND STRATIGRAPHY II*. Prerequisite: GEO 295.

**298A20 PROFESSIONAL PRACTICE:
COOP/INTERN IN GEOLOGY**
1-4 sem. hrs.

Planned, supervised, paid or unpaid professional practice in geology or geotechnical field with government or private organization. Maximum 4 hours toward B.S. degree in Geology. Prerequisite: Consent of the instructor.

306 REGIONAL AND AREA STUDIES
1-9 sem. hrs.

Intensive on-site study of particular lands, environments, cultures, and peoples. Field work required. May be repeated with different content. Contact the Department for availability of the following topics (additional topics are under "Geography Courses"). Prerequisite: Consent of the instructor.

**306A13 REGIONAL AND AREA STUDIES: BIG
BEND AREA, TEXAS**
1-9 sem. hrs.

Intensive on-site study of particular lands, environments, cultures, and peoples. Field work required. Prerequisite: Consent of the instructor.

**306A15 REGIONAL AND AREA STUDIES:
WEST TEXAS/NEW MEXICO**
1-9 sem. hrs.

Intensive on-site study of particular lands, environments, cultures, and peoples. Field work required. Prerequisite: Consent of the instructor.

**306A16 REGIONAL AND AREA STUDIES:
ENVIRONMENTAL FIELD GEOLOGY
OF ILLINOIS**
4 sem. hrs.

This course is a field camp that is designed to train students in field methods and integrative problem solving related to environmental geosciences in the state of Illinois. Prerequisite: Consent of the instructor.

306A18 REGIONAL AND AREA STUDIES: DEATH VALLEY NATIONAL PARK
2-3 sem. hrs.

Introduction to the geology and geologic history of Death Valley National Park, California. Students will gain experience in map reading, using geologic compass, measuring a stratigraphic section and structural interpretation. Airfare, food, lodging and transportation are the responsibility of the student. Prerequisite: Consent of the instructor.

306A19 REGIONAL AND AREA STUDIES: PETROLEUM GEOLOGY OF ILLINOIS
2-4 sem. hrs.

Intensive on-site study of particular lands, environments, cultures, and peoples. Field work required. Prerequisite: Consent of the instructor.

306A20 REGIONAL AND AREA STUDIES: MIDCONTINENT TETONICS AND SEISMOLOGY
2-3 sem. hrs.

Intensive on-site study of particular lands, environments, cultures, and peoples. Field work required. Prerequisite: Consent of the instructor.

306A25 REGIONAL AND AREA STUDIES: CENTRAL ROCKY MOUNTAINS
1-6 sem. hrs.

Intensive on-site study of particular lands, environments, cultures, and peoples. Field work required. Prerequisite: Consent of the instructor.

306A27 REGIONAL AND AREA STUDIES: LAKE SUPERIOR PRECAMBRIAN GEOLOGY
3 sem. hrs.

The structural geology, stratigraphy, paleontology, petrology, and economic geology of the Lake Superior Province in Wisconsin, Michigan, and Illinois. Offered as a combination field and seminar style course. Prerequisite: Consent of the instructor.

360 GROUNDWATER GEOLOGY
3 sem. hrs.

Groundwater occurrence and movement, aquifer evaluation, field and lab measurements, contamination and other applications. Field trips. Prerequisites: GEO 203 and MAT 146.

361 HYDROLOGY
3 sem. hrs.

Introduction to hydrology, including all components of the hydrologic cycle, field and lab measurements, data acquisition, and quantitative problem solving. Three Saturday field trips required. Prerequisite: MAT 145 or consent of the instructor.

362 ENGINEERING GEOLOGY
3 sem. hrs.

Engineering applications of geology, construction problems of geologic origin and their engineering solutions. Field trips required. Prerequisites: GEO 203; MAT 146; and PHY 108 or consent of the instructor.

364 EXPLORATION GEOPHYSICS
3 sem. hrs.

Principles of exploration geophysics and the techniques that are used to study subsurface environments. Subjects reviewed include: stress and strain, information theory, seismic, gravity, magnetics, electrical resistivity, electromagnetic conductivity, ground penetrating RADAR, and borehole logging. Prerequisites: GEO 203; MAT 146; and PHY 108; or consent of the instructor.

366 VOLCANIC PROCESSES
3 sem. hrs.

Semester-long seminar course. Nature, behavior, and origin of volcanoes. Magmatic and eruptive processes and volcano construction. Impact of volcanism on Earth's environment. Prerequisites: GEO 280 and 285 or consent of the instructor.

380 GEOMORPHOLOGY
3 sem. hrs.

Origin, classification, description, and interpretation of landforms. Field trips. Prerequisite: GEO 100 or 102.

381 PLANETARY GEOLOGY
3 sem. hrs.

Planets, satellites, and materials that make up our solar system, including how they are studied, their composition, structure, and physiography. Prerequisites: GEO 202 and 203 or consent of the instructor.

382 GLACIAL AND QUATERNARY GEOLOGY
3 sem. hrs.

Development of glaciers, glacial movements, deposits, and landforms as background for discussion of present landscapes. Field trips required. Prerequisite: GEO 100 or 102.

385 INVERTEBRATE PALEONTOLOGY
4 sem. hrs.

Examination and analysis of major fossil invertebrate phyla; emphasis on groups with paleoecologic and stratigraphic significance. Lecture and lab. Field trip required. Prerequisites: GEO 203 required. BSC 196 recommended.

395 FIELD GEOLOGY
6 sem. hrs.

Application of geologic principles to field mapping and interpretation in the Black Hills and Central Rocky Mountains. Prerequisites: Grade of C or better in GEO 280, 285, 290, 295, and 296.

HISTORY (HIS)

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301 Schroeder Hall, (309) 438-5641

Website: History.IllinoisState.edu**Chairperson:** Anthony Crubaugh.**Tenured/Tenure-track Faculty:***Professors:* Kennedy, Lessoff, Nassar.*Associate Professors:* Adedze, Ciani, Clemmons, Crubaugh, Hartman, Hughes, Noraian, Olsen, Paehler, Reed, Tsouvala, Varga-Harris, Winger, Wood.*Assistant Professors:* He, Jasper, Reda, Soderlund, Topdar.**General Department Information****INTERDISCIPLINARY MINORS**

The Department of History participates in a number of interdisciplinary minors at the University. Course work offered by the Department contributes to the following minors: African Studies; African-American Studies; Latin American and Latino/a Studies; Middle Eastern and South Asian Studies; Native American Studies; Urban Studies; and Women's and Gender Studies. For further information on these minors and their advisors, please consult the Interdisciplinary Studies Program section of this *Undergraduate Catalog*.

HONORS IN HISTORY

Honors work in the Department of History has been designed to offer to qualified undergraduates the opportunity to develop an independent, individualized program of study while working closely with departmental faculty in the field of their special interest. Students who complete the requirements will graduate with Departmental Honors, which will be noted on their transcript and diploma.

Admission Requirements:

To be admitted to the Honors Program, students must: (1) be members of the University Honors Program, and (2) have completed 45 hours, at least nine hours in history with a minimum GPA of 3.50 in History. Recommendation of at least one member of the departmental faculty is required as is the approval of the Departmental Honors Advisor. Students may also be invited to apply by a faculty member. In specific cases these requirements may be waived but only with the express approval of the Departmental Honors Advisor and the History Department Chairperson.

Honors Study Requirements:

In order to graduate with distinction as a Departmental Honors Scholar in the Department of History, the student must complete (1) at least 6 hours of Honors work in the major - HON/HIS 299, HIS 301 (which require pre-approval from the Departmental Honors Advisor), (2) all university graduation requirements, (3) all regular requirements for the major, and (4) all University Honors requirements as outlined in the catalog. The Departmental Honors Advisor and the History Department Chairperson will regularly evaluate students in the program. Any student whose work does not

meet the minimal standards of the program will not be allowed to continue.

Further details about the University Honors program are available at Honors.IllinoisState.edu.

History Programs

Degrees Offered: B.A., B.S.

MAJOR IN HISTORY

Admission to the History major, including the History-Social Sciences Teacher Education Sequence, may be restricted by the lack of available Department resources.

The Department of History encourages students seeking a bachelor's degree to develop both global and multidisciplinary approaches to the study of history and to apply these methods to their studies in other disciplines. To develop their skills of historical analysis and to learn to think critically about historical accounts, students complete HIS 100, 200 and 300. To acquire both a well-rounded and a global understanding of historical processes, students are required to take 6 hours each in the 3 fields of European, non-Western, and United States History.

The Department of History recognizes the value of language to the study of history from a global perspective. For this reason, the department recommends that all students majoring in history complete a Bachelor of Arts program. Those students majoring in history but choosing to pursue a Bachelor of Sciences program must complete a minor program.

B.A. students are encouraged to improve their career opportunities by minoring in another discipline. B.A. students not opting for a minor must choose an area of concentration by taking a minimum of 9 hours in any field other than history or foreign language; at least 3 of these hours must be in 200- or 300-level courses. B.A. students are encouraged to continue their language studies beyond the 12 hours required by the Bachelor of Arts.

B.A. and B.S. students in either the History (non-teaching) or History-Social Sciences Teacher Education Sequence must complete HIS 100 during the fall of their first year as History majors on campus and must complete or be concurrently enrolled in HIS 200 before enrolling in any other 200-level History course and must complete HIS 200 before enrolling in any 300-level History course. HIS 300 is a capstone course to be taken in the student's last full semester on campus. For students in the History-Social Sciences Teacher Education Sequence, this would be the semester just prior to student teaching.

Students must fulfill the following requirements:

Major in History, B.A.

- 37 hours in History required.
- Required courses: HIS 100, 101, 102, 135, 136, 200, 300; 6 hours of non-Western History listed in group 3 of "History Courses by Group for the Major." At least one

of the non-Western electives must be at the senior level.

- 21 hours at the upper-division level (includes HIS 200 and 300). Of those 21 hours, 9 hours must be at the 300-level (includes HIS 300). HIS 200 is a prerequisite/co-requisite for all other 200-level and prerequisite for all 300-level History courses.
- Students must choose one of the following courses as an elective: HIS 104, 111, 112, or 131.
- Students are encouraged to complete a minor; but, if a minor is not selected, they must complete a 9-hour concentration in any field other than history or foreign language, with at least 3 hours at the upper-division level.

Major in History, B.S.

- Requirements same as for B.A., except that students must complete a minor.

History-Social Sciences Teacher Education Sequence:

- 44 hours in History required.
- Required courses: HIS 100, 101, 102, 135, 136, 200, 290, 300, 390, 391; 3 hours upper-division United States History (in addition to HIS 135 and 136) listed in Group 2 and 6 hours of non-Western History listed in Group 3 of “History Courses by Group for the Major.” At least one of the non-Western electives must be at the upper-division level.
- 28 hours at the upper-division level (includes HIS 200, 290, 300, 390, and 391), including 13 hours at the 300-level (includes HIS 300, 390, and 391). HIS 200 is a prerequisite for all 300-level History courses.
- Students must complete a 16-hour interdisciplinary area including: ANT 176 or 185; ECO 105; GEO 135 or 142; POL 101 or 105 or 106; and SOC 106 or 108.
- The Teacher Education Sequence is part of the entitlement program leading to secondary History-Social Sciences endorsement.
- Professional Education requirements (25 hours): EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219; STT 399A43 Student Teaching (11 hours).
- A 2.75 GPA in the major and overall is required for admission to Professional Studies. A 3.00 GPA is required for Admission to Student Teaching. Deadlines for admission to Professional Studies and Student Teaching are available from the Cecilia J. Lauby Center for Teacher Education.

History Courses by Group:

Group 1: Methods and Topics: HIS 290, 301, 330, 336, 367, 390, 395, 398.

Group 2: United States History: HIS 111, 112, 131, 216, 217, 239, 241, 242, 243, 244, 246, 247, 248, 249, 253, 254, 257, 258, 259, 261, 262, 278, 279, 309, 310, 311, 315, 320, 322, 323, 324.

Group 3: Non-Western History: HIS 104A01, 104A02, 104A03, 104A04, 104A05, 104A06, 263, 264, 265, 266, 267, 271, 272, 275, 276, 282, 283, 284, 307, 367, 373, 375.

Group 4: European History: HIS 219, 220, 221, 222, 223, 224, 225, 226, 228, 229, 230, 231, 232, 233, 234, 235, 237, 308, 335, 337, 345, 350, 355, 356, 357, 366, 368.

MINOR IN HISTORY

- 21 hours in History required, to include at least 12 senior hours.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates’ professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, and in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

History Courses

Because of changing faculty availability, which cannot be foreseen before this *Undergraduate Catalog* is printed, the Department cannot guarantee that a given course will always be taught in a given semester or year. In planning their programs, students are therefore advised to consult departmental faculty and advisors concerning the availability of individual courses.

100 INTRODUCTION TO HISTORY**1 sem. hr.**

An introduction to the discipline of History and the faculty, culture, and program requirements in the History Department.

101 WESTERN CIVILIZATION TO 1500 H**3 sem. hrs.**

Western civilization from its beginnings in the ancient Near East until the Renaissance, emphasizing cultural and political history.

102 MODERN WESTERN CIVILIZATION H**3 sem. hrs.**

Western civilization from the Renaissance to the present, emphasizing cultural and political history.

104 HISTORY OF ASIA, MIDDLE EAST, AFRICA, LATIN AMERICA, OR INDIGENOUS PEOPLES H**3 sem. hrs.**

Interdisciplinary, thematic, and chronological examination of the histories of Africa, Asia, Latin America, and indigenous peoples. Not for credit if had HIS 103. May be repeated if content is different. Contact the Department for availability of the following topics. Prerequisite: COM 110 or ENG 101 or concurrent registration.

104A01 AFRICA H**3 sem. hrs.**

Interdisciplinary, thematic, and chronological examination of the histories of Africa. Not for credit if had HIS 103. Prerequisite: COM 110 or ENG 101 or concurrent registration.

104A02 EAST ASIA H**3 sem. hrs.**

Interdisciplinary, thematic, and chronological examination of the histories of East Asia. Not for credit if had HIS 103. Prerequisite: COM 110 or ENG 101 or concurrent registration.

104A03 LATIN AMERICA H**3 sem. hrs.**

Interdisciplinary, thematic, and chronological examination of the histories of Latin America. Not for credit if had HIS 103. Prerequisite: COM 110 or ENG 101 or concurrent registration.

104A04 THE MIDDLE EAST H**3 sem. hrs.**

Interdisciplinary, thematic, and chronological examination of the histories of the Middle East. Not for credit if had HIS 103. Prerequisite: COM 110 or ENG 101 or concurrent registration.

104A05 SOUTH AND SOUTHEAST ASIA H**3 sem. hrs.**

Interdisciplinary, thematic, and chronological examination of the histories of South and Southeast Asia. Not for credit if had HIS 103. Prerequisite: COM 110 or ENG 101 or concurrent registration.

104A06 NATIVE AMERICANS H**3 sem. hrs.**

Interdisciplinary, thematic, and chronological examination of the histories of Native Americans. Not for credit if had HIS 103. Prerequisite: COM 110 or ENG 101 or concurrent registration.

107 THE MAKING OF EUROPE H**3 sem. hrs.**

Explores the formation of Europe as a distinct historical entity. Prerequisites: COM 110 and ENG 101.

111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE UST**3 sem. hrs.**

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class. May not be taken under the P/NP option. Also offered as SOC 111.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY UST**3 sem. hrs.**

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity. May not be taken under the P/NP option. Also offered as FCS/SOC 112.

131 AMERICAN CULTURE: TRADITIONS AND TEXTS UST**3 sem. hrs.**

Historical introduction to American culture through analysis of written texts and artifacts such as works of fine art. May not be taken under the P/NP option. Also offered as ENG 131.

135 HISTORY OF THE UNITED STATES TO 1865 UST**3 sem. hrs.**

Political, economic, social, and cultural developments from the colonial period to the Civil War. May not be taken under the P/NP option.

136 HISTORY OF THE UNITED STATES SINCE 1865 UST**3 sem. hrs.**

Agrarian and industrial revolutions, development of American institutions, and America as a world power. May not be taken under the P/NP option.

200 DOING HISTORY: AN INTRODUCTION 3 sem. hrs.

An introduction to the discipline, including study of research and writing techniques, historical methods, and the nature and varieties of history. Required of History and History-Social Sciences Education majors as a prerequisite/co-requisite for all other 200-level and prerequisite for all 300-level History courses. Must be taken by students who begin at Illinois State University no later than the end of their sophomore year, by transfer students by the end of the junior year, or with approval of the department chairperson. Prerequisites: History or History-Social Science Education major only; 15 hours college credit; consent of the department.

216 AMERICAN RELIGIOUS HISTORY I 3 sem. hrs.

Part one of survey of religion in the context of United States history to 1865.

217 AMERICAN RELIGIOUS HISTORY II 3 sem. hrs.

Part two of survey of religion in the context of United States history since 1865.

220 ANCIENT HISTORY: GREECE**3 sem. hrs.**

Political and cultural evolution of the Greek World from pre-classical times to the Hellenistic Age. Prerequisite: HIS 101 or 102 or consent of the instructor.

221 ANCIENT HISTORY: ROME**3 sem. hrs.**

The Roman republic and empire with emphasis on the constitutional evolution of Rome. Prerequisite: HIS 101 or 102 or consent of the instructor.

222 THE MIDDLE AGES: 395-1100**3 sem. hrs.**

The disintegration of ancient civilization and the gradual emergence of three successor civilizations: Byzantium, the Muslim World, and Western Europe. Prerequisite: HIS 101 or 102 or consent of the instructor.

223 THE MIDDLE AGES: 1100-1500**3 sem. hrs.**

The climax and decline of medieval civilization. Prerequisite: HIS 101 or 102 or consent of the instructor.

224 THE RENAISSANCE: EUROPE: 1300-1500**3 sem. hrs.**

Political, economic, social, intellectual, cultural transition to early modern Europe; spread of Renaissance from origins in Italy; exploration and discovery.

225 THE REFORMATION: EUROPE: 1500-1600**3 sem. hrs.**

Protestant and Catholic reformations in the setting of 16th-century politics, economics, society; intellectual and cultural currents; European expansion.

226 EIGHTEENTH-CENTURY EUROPE**3 sem. hrs.**

A survey of 18th century Europe focusing on political, social, economic, and intellectual developments and the age of revolution.

228 EUROPE IN THE NINETEENTH CENTURY: 1815-1914**3 sem. hrs.**

Liberalism, nationalism, democracy, militarism, imperialism, and the forces that led to World War I.

229 EUROPE IN THE TWENTIETH CENTURY**3 sem. hrs.**

The origins of the World Wars, Marxism-Leninism, Nazi and Soviet totalitarianism, and the role of Europe in the Cold War.

230 THE CONTEMPORARY WORLD**3 sem. hrs.**

Major economic, social, political, and cultural changes since 1945. The Cold War, the revolution in expectations, and the emerging concern over depletion of resources and environmental imbalances.

231 ENGLISH HISTORY TO 1688**3 sem. hrs.**

History of medieval and Tudor-Stuart England to the Revolution of 1688.

232 ENGLISH HISTORY SINCE 1688**3 sem. hrs.**

English history from the Glorious Revolution of 1688-89 to the present; political, social, and cultural history are emphasized.

233 MEDIEVAL RUSSIA**3 sem. hrs.**

Examination of life in Kievan Rus and Muscovy stressing their cultural contributions to European civilization.

234 RUSSIA FROM PETER TO LENIN: EUROPEANIZATION, IMPERIALISM AND REVOLUTION**3 sem. hrs.**

This course explores Russia from the 1600s through 1917, including Westernization, nationalism, colonialism, military engagements, and cultural and revolutionary currents. Formerly *IMPERIAL RUSSIA*.

235 FRENCH HISTORY TO THE REVOLUTION**3 sem. hrs.**

French history from the Middle Ages to the French Revolution with emphasis upon French culture, including social, intellectual, and artistic movements.

237 MODERN GERMANY: 1848-PRESENT**3 sem. hrs.**

Survey of German social, political, diplomatic, and intellectual history in the 19th and 20th centuries.

239 HISTORY OF AMERICAN FOREIGN RELATIONS**3 sem. hrs.**

The history of the foreign relations of the United States from the American Revolution to the present.

241 COLONIAL LIFE AND INSTITUTIONS**3 sem. hrs.**

Transfer of European ideas, institutions, and customs to America, and their subsequent development on American soil.

242 HISTORY OF CHICAGO**3 sem. hrs.**

A survey of Chicago's history from 1600 to the present.

243 THE EARLY NATIONAL PERIOD: 1787-1815**3 sem. hrs.**

Emphasis upon the establishment of a national government; the principles and influence of early federalism and of Jeffersonian democracy.

244 THE AGE OF JACKSON: 1815-1848**3 sem. hrs.**

The awakening of American nationalism as typified by the economic, political, social, and cultural changes of the Jacksonian period. Prerequisite: HIS 135, or equivalent, or consent of the instructor.

246 CIVIL WAR AND RECONSTRUCTION: 1848-1877**3 sem. hrs.**

Causes and process of secession, problems of the Lincoln and Davis administrations, conduct of the war, and the problems of reconstruction. Prerequisite: HIS 135 or 136, or equivalent, or consent of the instructor.

192 History

247 THE GILDED AGE IN AMERICA: 1877-1900
3 sem. hrs.

Industrialization and responses to industrialism in America; special attention given to business and political leaders, farmers, African-Americans, and writers. Prerequisite: HIS 136 or consent of the instructor.

248 UNITED STATES IN THE TWENTIETH CENTURY TO 1945
3 sem. hrs.

Significant aspects of American history from the Populist era to the end of World War II.

249 UNITED STATES IN THE TWENTIETH CENTURY SINCE 1945
3 sem. hrs.

Significant aspects of American history from 1945 to contemporary times.

253 AMERICAN CONSTITUTIONAL HISTORY
3 sem. hrs.

The history of American constitutional and legal developments from the colonial period to the present.

254 THE AMERICAN WEST
3 sem. hrs.

Development of the trans-Mississippi West, exploration to present. Emphasis upon land-human relationships and the roots of environmental concerns. Prerequisite: HIS 135 or 136, or equivalent, or consent of the instructor.

257 AFRICAN-AMERICAN HISTORY TO 1865
3 sem. hrs.

The history of African-Americans from Colonial times to the Civil War.

258 AFRICAN-AMERICAN HISTORY SINCE 1865
3 sem. hrs.

The history of African-Americans from the Reconstruction period to the present.

259 HISTORY OF ILLINOIS
3 sem. hrs.

A survey of the history of Illinois from the time of the French explorers to the present. Prerequisite: HIS 135 or 136 or consent of the instructor.

261 HISTORY OF WOMEN IN THE UNITED STATES TO 1865
3 sem. hrs.

The role of women in the economic, social, political, and cultural history of America from the colonial period to the Civil War. Prerequisite: A minimum of 30 hours completed.

262 HISTORY OF WOMEN IN THE UNITED STATES SINCE 1865
3 sem. hrs.

The role of women in the economic, social, political, and cultural history of America from 1865 to the present. Prerequisite: A minimum of 30 hours completed.

263 MODERN MEXICO
3 sem. hrs.

Survey of Mexican history from the mid-18th century.

264 HISTORY OF WOMEN IN NORTH AMERICA **SS**
3 sem. hrs.

Introduction to theoretical approaches to women's history and a study of selected aspects of the history of women in Canada, Mexico, the United States, and the Caribbean. Prerequisite: ENG/HIS 113; FCS/HIS/SOC 112; HIS/SOC 111, or SOC 109.

265 AFRICAN CIVILIZATION
3 sem. hrs.

Political, social, cultural, and economic survey of the Sub-Saharan African Civilization from about 1000 to about 1884 (European expansion).

266 MODERN AFRICA
3 sem. hrs.

Political, social, cultural, and economic survey of Modern Africa from the beginnings of European expansion to the present.

267 MODERN SOUTH ASIA
3 sem. hrs.

A survey of the political, socioeconomic, and cultural history of the Indian subcontinent from the 18th century to the present.

271 ISLAMIC CIVILIZATION
3 sem. hrs.

Political, social, economic survey of the Middle East from Muhammad to the 19th century, emphasizing origins and achievements of the Islamic age.

272 MODERN MIDDLE EAST
3 sem. hrs.

Political, social, and economic-survey of the Middle East from the 19th century to the present, emphasizing the rise of the modern nation-states.

275 HISTORY OF JAPANESE CIVILIZATION
3 sem. hrs.

Topical and chronological examination of Japanese religions, philosophies, art, music, literature, societal values and behavior to 1800.

276 HISTORY OF CHINESE CIVILIZATION
3 sem. hrs.

Topical and chronological examination of Chinese religions, art, music, literature, societal values and behavior to 1911.

278 UNITED STATES MILITARY HISTORY
3 sem. hrs.

United States military history in a global context from the colonial period to the present. Prerequisite: HIS 102 or 135 or 136 or consent of the instructor.

279 WORLD WAR II
3 sem. hrs.

General survey of World War II including military, diplomatic, and cultural concerns.

282 COLONIAL LATIN AMERICAN HISTORY
3 sem. hrs.

Intermediate study of the social, political, intellectual, and economic history of colonial Latin America (Latin America to 1821).

283 HISTORY OF CUBA**3 sem. hrs.**

Intermediate study of the social, political, intellectual, and economic history of Cuba, with emphasis on the modern period.

284 THE ATLANTIC WORLD, 1450-1888**3 sem. hrs.**

A survey of the encounters of Africans, Europeans, and Native Americans from the Iberian explorations through the abolition of slavery.

**290 HISTORY-SOCIAL SCIENCE
TEACHING METHODOLOGY I****3 sem. hrs.**

Special methods and pre-student teaching clinical experiences for History-Social Sciences Teacher Education students. Includes observation and participation in classroom settings. Must be completed prior to student teaching. Includes Clinical Experiences. Required for History Social Science Teacher Education programs. Prerequisites: Grade of C or better in TCH 216 or concurrent registration and Admission to Professional Studies. Exceptions may be made by consent of the instructor.

300 SENIOR SEMINAR IN HISTORY**3 sem. hrs.**

An advanced study of the methods, sources, and problems of the field of history, using a topical approach that varies from section to section. To be taken in the last full semester on campus. Prerequisites: HIS/HIS-Social Sciences Education only; HIS 200 or consent of the instructor.

301 HONORS THESIS**3 sem. hrs.**

The course provides the student with the opportunity to complete the writing of the honors thesis and to present a summary of the thesis at a public forum or defend the thesis before relevant faculty. May be counted for HIS 300 *SENIOR SEMINAR* major requirement. May not be taken P/NP. Prerequisites: HIS 299 and consent of the department.

306 REGIONAL AND AREA STUDIES**1-9 sem. hrs.**

Intensive on-site study of particular lands, environments, cultures, and peoples. Materials charge optional. Prerequisite: Any 200-level HIS course or consent of the instructor.

**307 SELECTED TOPICS IN
NON-WESTERN HISTORY****3 sem. hrs.**

The study of non-Western history through a topical approach. Topics will vary from semester to semester. May be repeated if the topic is different. Prerequisite: HIS 104 or HIS 200 or consent of the instructor.

308 SELECTED TOPICS IN EUROPEAN HISTORY**3 sem. hrs.**

The study of European history through a topical approach. Topics will vary from semester to semester. May repeat for credit if the content is different. Prerequisites: HIS 101, 102 and 200 or consent of the instructor.

**309 SELECTED TOPICS IN UNITED
STATES HISTORY****3 sem. hrs.**

This course focuses on a specific topic or era of United States history, emphasizing conflicting interpretations and use of primary sources. May repeat for credit if the topic is different. Prerequisites: HIS 135, 136, and 200 or consent of the instructor.

310 NATIVE AMERICAN HISTORY**3 sem. hrs.**

An examination of the major themes and events of Native American history and culture from pre-Columbian times to the present. Prerequisite: HIS 135 or 136 or consent of the instructor.

311 AGE OF THE AMERICAN REVOLUTION**3 sem. hrs.**

The emergence of the United States as an independent nation from 1763 to the Constitutional Convention in 1787.

315 SLAVERY AND THE OLD SOUTH**3 sem. hrs.**

Historiography of slavery and the pre-Civil War South. Prerequisite: HIS 135 or 257 or consent of the instructor.

320 LINCOLN: THE MAN AND HIS TIMES**3 sem. hrs.**

Attention directed especially toward the work of Lincoln in Illinois, his leadership during the Civil War, and his relationships with people and events of his time. Prerequisite: Any 200-level American History course or consent of the instructor.

322 AMERICAN URBAN HISTORY**3 sem. hrs.**

Survey of the history of the American city from the Colonial Era to the present. Prerequisite: 1 of the following: ECO 238; GEO 204; HIS 200; POL 209; SOC 271; or consent of the instructor.

**323 AMERICAN CULTURAL AND
INTELLECTUAL HISTORY: 1620-1860****3 sem. hrs.**

American progress in the fine arts, philosophy, literature, and science from Puritan times to 1860. Prerequisite: HIS 135 or consent of the instructor.

**324 AMERICAN CULTURAL AND
INTELLECTUAL HISTORY: 1860-PRESENT****3 sem. hrs.**

The impact of naturalism, industrialization, secularization, and urbanization upon American culture since 1860. Prerequisite: HIS 136 or consent of the instructor.

**328 THE MODERN CIVIL RIGHTS MOVEMENT,
1933 - 1968****3 sem. hrs.**

An examination of the evolution of Afro-Americans' struggle for political, social, and economic equality between 1933 and 1968. Prerequisite: HIS 135 or 136 or consent of the instructor.

330 THE FAMILY IN HISTORY**3 sem. hrs.**

History of the family in Europe and America, viewing the changes from idealist, economic determinist, family systems, and psychoanalytic perspectives. Prerequisite: Any 100- or 200-level HIS course or consent of the instructor.

335 THE HOLOCAUST: THE EVENT AND ITS AFTERMATH
3 sem. hrs.

Study of the Holocaust, frequently regarded as the defining event of the 20th century, its pre-history, and its aftermath.

336 GENOCIDE STUDIES
3 sem. hrs.

This course focuses on genocide/mass violence and political, legal, and societal responses to it. Prerequisite: HIS 102 or 107 or consent of the instructor.

337 EUROPEAN HISTORY AND FILM
3 sem. hrs.

The class investigates representations of European history in international films, emphasizing feature films. Prerequisite: HIS 101 or 102 or 107 or consent of the instructor.

345 FRENCH REVOLUTION AND NAPOLEON: 1789-1815
3 sem. hrs.

Society, culture and government under the monarchy; destruction of the old order; rise and fall of Napoleonic France. Prerequisite: HIS 102 or consent of the instructor.

350 WOMEN AND SEXUALITY IN ANCIENT GREECE AND ROME
3 sem. hrs.

An exploration of sources, methodologies, and debates concerning women, gender, and sexuality in ancient Greece and Rome. Prerequisite: HIS 101 or consent of the instructor.

356 THE ENLIGHTENMENT
3 sem. hrs.

Intellectual and social history of the Western world during the 18th century. Prerequisite: HIS 102 or consent of the instructor.

366 SOVIET RUSSIA
3 sem. hrs.

Study of communist revolution, culture, and dictatorship and its transformation into a contemporary European democracy.

367 GLOBAL CONFLICT: 1914-1941
3 sem. hrs.

Survey of international politics from the First World War to the beginning of World War II.

368 LIFE UNDER COMMUNISM: EASTERN EUROPE FROM STALIN TO 1989
3 sem. hrs.

This course examines Eastern Europe under the socialist ideological, political, and economic system that prevailed there from 1945 to 1989. Prerequisite: HIS 102.

373 HISTORY OF MODERN CHINA
3 sem. hrs.

Concentrates on the Western and Chinese collision since the 1800's and the responses of traditional, national, and contemporary China to modernization.

375 HISTORY OF MODERN JAPAN
3 sem. hrs.

Concentrates on Japan's modernization, goals of Meiji leaders, contradictory tendencies of pre-war Japan, and contemporary Japan.

390 HISTORY-SOCIAL SCIENCE TEACHING METHODOLOGY II
3 sem. hrs.

Includes Clinical Experiences. History-Social Science materials, use of instructional models, and clinical experiences. Must be completed prior to student teaching. Prerequisites: Grade of C or better in HIS 290 and TCH 216. Admission to Student Teaching.

391 HISTORY-SOCIAL SCIENCES EDUCATION STUDENT TEACHING AND LICENSURE LAB
1 sem. hr.

In conjunction with Student Teaching, this course focuses on the licensure process and enhances the student teaching experience. Prerequisites: Admission to Student Teaching, and concurrent registration in STT 399A43.

395 ARCHIVES AND MANUSCRIPTS
3 sem. hrs.

Nature, acquisition, processing and use of archives and manuscripts. Emphasis on theory and principles with practical exercises. Prerequisite: Any 200-level HIS course or consent of the instructor.

398 PROFESSIONAL PRACTICE: INTERNSHIP IN HISTORY
1-16 sem. hrs.

Planned, supervised experience in a professional capacity in archives, business, government, historical archaeology, historical preservation, historical editing and publishing, historical societies, museums, or other application of history. Maximum 6 hours towards HIS/HIS Education major. Prerequisites: Consent of the department's intern coordinator; 75 hours completed; 2.60 GPA overall and in major; History major (includes those in History-Social Sciences Teacher Education Sequence) only.

LANGUAGES, LITERATURES, AND CULTURES (LAN) 430

114 Stevenson Hall, (309) 438-3604

Website: LAN.IllinoisState.edu

Chairperson: Bruce Burningham.

Tenured/Tenure-track Faculty:

Professors: Burningham, Nance, Pancrazio, Pao, Thomas, van der Laan, Weeks.

Associate Professors: Davis, Druker, Hildebrandt, Lynd, Mir, Schmeiser, Segelcke, Shively.

Assistant Professors: Enriquez, Howell, Lascurain, Ponnou-Delaffon.

General Department Information

HONORS IN LANGUAGES, LITERATURES, AND CULTURES

The Department invites highly qualified majors (or double majors) to distinguish themselves by earning honors in French, German, or Spanish. To be admitted to the program a student must: (1) have completed 60 hours of university-level work; (2) be a declared major or double major in Languages, Literatures, and Cultures; and (3) have a minimum overall GPA of 3.30 with a GPA of 3.60 in the chosen language.

In order to graduate with departmental honors a student must: (1) complete the general requirements for the major; (2) maintain an overall GPA of 3.30 and a GPA of 3.60 in the major language; (3) complete 9 hours of in-course honors work at the 300-level in the major; (4) complete an honors thesis while enrolled as a senior in either LAN 299, Independent Honors Study, or in their 300-level capstone project; (5) fulfill the general requirements for participation in the University Honors Program. Students interested in participating may obtain additional information from the Director of the Honors Program in Languages, Literatures, and Cultures. The Department also offers in-course honors work for students enrolled in the University Honors Program at the discretion of the instructor. Further details about the University Honors program are available at Honors.IllinoisState.edu. Students should also review information available on the department's website at LAN.IllinoisState.edu/honors.

ASSOCIATED MINORS

The Department of Languages, Literatures, and Cultures participates in the minors in Cognitive Science; Ethnic Studies; European Studies, International Studies; and Latin American and Latino/a Studies. For further information, please consult the program advisors as well as the section entitled "Interdisciplinary Studies Programs" in this *Undergraduate Catalog*.

MINOR IN CLASSICAL STUDIES

- 24 hours in Latin and related courses required.
- Required courses: LAT 111, 112, 115, plus sufficient electives to meet the 24-hour minimum.
- Electives: ART 155, 240, 241, 242, 244; HIS 101, 220, 221, 222, 223; PHI 254, or others approved by the Department.

NOTE: A student seeking endorsement in teaching Latin must pass a State of Illinois content exam.

MINOR IN EAST ASIAN STUDIES

Advisor: Roger Thomas

Office: 233E Stevenson Hall

Phone: (309) 438-7982

The Minor in East Asian Studies provides an interdisciplinary approach to exploring the languages, politics, society, and cultures of countries in East Asia. Two tracks are available: a language track, emphasizing language and culture; and an interdisciplinary track, emphasizing the socio-political and cultural dynamics of the countries located in the region and their roles in the world.

Course requirements:

The plan of study must be created in consultation with the East Asian Studies advisor.

- 24 hours required.
- Required courses for all students: two-year sequence in an East Asian language; either Chinese (CHI) 111, 112, 115, and an additional course approved by the advisor, or Japanese (JPN) 111, 112, 115, 116.
- Choose one option:

— **Option 1: Language Track:** LAN (JPN) 231, 232, and one elective from any elective group.

— **Option 2: Interdisciplinary Track:** In consultation with the East Asian Studies advisor, sufficient electives from at least three of the following groups:

A. Department of Languages, Literatures, and Cultures: JPN 111, 112, 115, 116, 231, 232; CHI 111, 112, 115;

B. Department of History: HIS 104A02, 269, 275, 276, 373, 375;

C. Department of Politics and Government: POL 140, 245, 345;

D. Department of Philosophy: PHI 208;

E. Department of Sociology and Anthropology: ANT 278, 294, 307, 308;

F. School of Music: MUS 275A01;

G. Interdisciplinary Studies: IDS 203A10.

See course descriptions by department. Other electives, including coursework taken abroad, may be counted toward the minor with prior approval of the minor advisor.

TEACHER EDUCATION REQUIREMENTS FOR LANGUAGES, LITERATURES, AND CULTURES MAJORS

Students seeking a Teacher Education degree must complete University-Wide Teacher Education program requirements. These include a minimum GPA of 3.00 in the major, a cumulative GPA of 2.75, and Advanced Low score or above on OPI for Student Teaching. All Teacher Education majors must complete LAN 319 and 320. Both courses are to be taken together in the fall semester of the junior or senior year. Teacher Education students are encouraged to apply for Admission to Professional Studies as soon as they have completed 30 hours, especially while they are enrolled in TCH 210 and 212, and must complete the Professional Education course work, Illinois State University's General Education requirements, and all other Teacher Education requirements (See the University-Wide Teacher Education section of this *Undergraduate Catalog*).

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of a having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

French Programs

Degree Offered: B.A.

MAJOR IN FRENCH

- A minimum of 35 hours and maximum of 43 hours in French are required. The number of hours required for the Major in French depends on the level at which a student begins the program. Students with no previous study in French begin the language with FRE 111 and must complete 43 hours. Students with 2 years of high school French (or equivalent) normally begin with FRE 112 and must complete 39 hours beyond FRE 111. Students with 3 years of high school French (or equivalent) normally begin with FRE 115 and must complete 35 hours beyond 111 and 112. The best way to assure that a student begins at the right Illinois State University level is to use the above as a reference and then to take the online self-placement test at: LAN.Illinois-State.edu/undergraduate/advising.
- Required courses: FRE 115, 116, 213, 214, 220, 223, 235, 305, plus 9 elective hours at the 300-level or above including at least one 300-level literature course, and in one of the 300-level courses students must complete a Senior Research Project.

French Teacher Education Sequence:

- A minimum of 67 hours and a maximum of 75 hours are required. The number of hours required for the Major in French for Teacher Education depends on the level at which a student begins the program. Students with no previous study in French begin the language with FRE 111 and must complete 75 hours. Students with 2 years of high school French (or equivalent) normally begin with FRE 112 and must complete 71 hours beyond FRE 111. Students with 3 years of high school French (or equivalent) normally begin with FRE 115 and must complete 67 hours beyond FRE 111. The best way to assure that a student begins at the right Illinois State University level is to use the above as a reference and then to take the online self-placement test at: LAN.IllinoisState.edu/undergraduate/advising.
- Required courses: FRE 115, 116, 209, 213, 214, 220, 223, 235, 305; LAN 319, 320; and either FRE 314 or 325, plus one 300-level elective and sufficient other electives to meet the total hour requirement as indicated above.
- Recommended electives: FRE 335, 340; LAN 321.
- Part of entitlement program leading to professional educator licensure with K-12 endorsement.
- Professional Education requirements (26 hours): EAF 228 or 231 or 235; TCH 210, 212, 216, 219 (taken in sequence); STT 399A12 (12 hours). The edTPA is required during the student teaching semester.

MINOR IN FRENCH

- 25 hours in French required.
- Required courses: FRE 111, 112, 115, 116, 213; plus sufficient electives to meet the 25-hour requirement.

German Programs

Degree Offered: B.A.

MAJOR IN GERMAN

- 35-43 hours in German required.
- Required courses: GER 115, 116, 211, 213, 217, 310, 317, 322, a minimum of 3 hours in GER 385, and sufficient other electives to meet the total hour requirement indicated above.
- The number of hours required for the Major in German depends on the level at which the student begins the program. Students with no previous study in German begin in GER 111 and must complete 43 hours. Students with 2 years of high school German or equivalent normally begin with GER 112 and must complete 39 hours, beyond GER 111. Students with 3 years of high school German or equivalent normally begin in GER 115 and must complete 35 hours, beyond GER 111 and 112. The best way to assure that a student begins at the right Illinois State University level is to use the above as a reference and then to take the online self-placement test at LAN.IllinoisState.edu/undergraduate/advising.

German Teacher Education Sequence:

- A minimum of 67 and a maximum of 75 hours are required. The number of hours required for the Major in German for Teacher Education depends on the level at which a student begins the program. Students with no previous study in German begin the language with GER 111 and must complete 75 hours. Students with 2 years of high school German (or equivalent) normally begin with GER 112 and must complete 71 hours, beyond of GER 111. Students with 3 years of high school German (or equivalent) normally begin with GER 115 and must complete 67 hours, beyond GER 111. The best way to assure that a student begins at the right Illinois State University level is to use the above as a reference and then to take the online self-placement test at LAN.IllinoisState.edu/undergraduate/advising.
- Required courses: GER 115, 116, 211, 213, 217, 310, 317, 322; LAN 319, 320; and sufficient electives to meet the total hour requirement as indicated above.
- Recommended electives: GER 385 (course may be repeated if content is different); LAN 321.
- Part of entitlement program leading to professional educator licensure with K-12 endorsement.
- Professional Education requirements (26 hours): EAF 228 or 231 or 235; TCH 210, 212, 216, 219 (taken in sequence); STT 399A13 (12 hours). The edTPA is required during the student teaching semester.

MINOR IN GERMAN

- 25 hours in German required.
- Required courses: GER 111, 112, 115, 116, 211, 213, plus one 300-level course to meet the 25-hour minimum.

Italian Program

MINOR IN ITALIAN STUDIES

Advisor: Jonathan Druker

Office: 240 Stevenson Hall

Phone: (309) 438-7978

- 25 hours in Italian and related courses required.
- Required courses: ITA 111, 112, 115, 116, plus three elective courses to meet the 25-hour requirement.
- Approved electives: ART 156, 244; HIS 107, 221, 224; ITA 221, 222, or others approved by the Department.
- Other courses taken in Italy may be counted toward the minor with prior approval of the minor advisor.

Spanish Programs

Degree Offered: B.A.

MAJOR IN SPANISH

- A minimum of 34 hours and a maximum of 43 hours in Spanish required. The number of hours required for the Major in Spanish depends on the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 43 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 39 hours beyond 111. Students with 3 years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 35 hours beyond SPA 111 and 112. The best way to assure that a student begins at the right Illinois State University level is to use the above as a reference and then to take the online self-placement test at LAN.IllinoisState.edu/undergraduate/advising.
- Required courses: SPA 115; 116 or 120; 213, 215, 223, 233; one of the following: SPA 243, 244; one of the following: 323, 324, 326, 327; plus nine additional hours at the 300-level in Spanish. Students will meet their capstone requirement through the research component in their 300-level courses.
- Recommended electives: SPA 214 (not for credit if ACTFL speaking score is Advanced).

Spanish Teacher Education Sequence:

- A minimum of 67 hours and a maximum of 75 hours are required. The number of hours required for the Major in Spanish for Teacher Education depends upon the level at which a student begins the program. Students with no previous study in Spanish begin the language with SPA 111 and must complete 75 hours. Students with 2 years of high school Spanish (or equivalent) normally begin with SPA 112 and must complete 71 hours beyond SPA 111. Students with 3 years of high school Spanish (or equivalent) normally begin with SPA 115 and must complete 67 hours beyond SPA 111 and SPA 112. The best way to assure that a student begins at the right Illinois State University level is to use the above as a reference and then to take the online self-placement test at LAN.IllinoisState.edu/undergraduate/advising.

198 Languages, Literatures, and Cultures

- Required courses: SPA 115, 116 or 120, 213, 215, 223, 233, 243, 244; LAN 319, 320; one of the following: SPA 323, 324, 326, 327; plus sufficient 300-level electives to meet the total hour requirement as indicated above.
- Recommended electives: LAN 321; SPA 305, 310, 311, 323, 324, 326, 327, 360.
- Part of entitlement program leading to a professional educator license with K-12 endorsement.
- Professional Education requirements (26 hours): EAF 228 or 231 or 235; TCH 210, 212, 216, 219 (taken in sequence); STT 399A15 (12 hours). The edTPA is required during the student teaching semester.

MINOR IN SPANISH

- 24 hours in Spanish required.
- Required courses: SPA 111, 112, 115; 116 or 120; 213; 214 (not for credit if have ACTFL speaking score of Advanced), or 223 or 240; 215 or 233.
- Students may need to take additional SPA electives to meet the total hour requirement.
- Recommended elective: SPA 223, if not taken to fulfill requirement.
- Students who begin their Spanish minor by placing into SPA 213 may consider the following courses as possible electives: SPA 214, 215, 223, 233, 240, 243, and 244, if not taken to fulfill requirement.
- The Department reserves the right to limit the number of minors in times of oversubscription.

Languages, Literatures, and Cultures Courses

Consult the department or University website at My.IllinoisState.edu to determine which courses will be offered in a given semester.

For those languages which have no specific placement recommendations listed in this *Undergraduate Catalog*, students who have had no prior instruction in a foreign language, or one year of instruction, should enroll in the 111 course for the appropriate language. Students who have had 2, 3, or 4 years generally enroll in 112 or 115. If prior language study took place more than one year earlier, a student may choose to enroll at a lower level. Transfer students and native speakers should consult with the Department's academic advisor to determine proper placement. The best way to assure that a student begins at the right Illinois State University level is to use the above as a reference and then to take the online self-placement test at LAN.IllinoisState.edu/undergraduate/advising.

CREDIT FOR ACQUIRED PROFICIENCY (CAP)

If the first Languages, Literatures, and Cultures course in which a student enrolls is above 111 in the regular sequence (112, 115, 116 or above), he or she may be eligible for proficiency acquired elsewhere. Student must apply for CAP by filling out a short form in the Department of Languages, Literatures, and Cultures.

Credit toward graduation for acquired proficiency will be granted upon completion at Illinois State University of

one course (excluding Independent Study) with the grade of C or better. It is recommended that the course be taken as soon as possible after matriculation at Illinois State University. Students are reminded that no course in the major or minor may be taken under the P/NP (Passing/No Passing) option.

Students beginning at the 112-level and fulfilling the previous requirements will be granted 4 hours of CAP. Students beginning at the 115-level or above and fulfilling the above requirements will be granted 8 hours of CAP.

Language of Instruction in Courses in the Department of Languages, Literatures, and Cultures:

Because the Department of Languages, Literatures, and Cultures promotes the acquisition of world languages, the official language of instruction and class discussion will be the language of study in the majority of cases. Courses in pedagogy are frequently taught in English.

General Courses

125 LITERARY NARRATIVE LH 3 sem. hrs.

Critical reading and analysis of a variety of literary narratives that reflect on human experience. May not be taken under the P/NP option. Also offered as ENG 125. Prerequisites: COM 110 and ENG 101 or concurrent registration.

128 GENDER IN THE HUMANITIES LH 3 sem. hrs.

Examination of gender roles, norms, and stereotypes from a broad range of perspectives within humanities across centuries and cultures. May not be taken under the P/NP option. Also offered as COM/ENG 128. Prerequisites: COM 110 and ENG 101 or concurrent registration.

133 STUDY ABROAD: SELECTED STUDIES IN LANGUAGES, LITERATURES, AND CULTURES 1-6 sem. hrs.

Study abroad. Specific topics and regions as approved and indicated by number suffix and extended title under language (FRE, GER, ITA, SPA). May be repeated if content different.

143 UNITY AND DIVERSITY IN LANGUAGE SS 3 sem. hrs.

Study of the structure of language (phonetics, phonology, morphology, syntax, semantics) as it reflects cognition, social relations, cultural conventions, and speech communities. Also offered as ANT/ENG 143. Prerequisites: COM 110 and ENG 101.

206 CULTURAL EXPRESSIONS IN SOCIAL CONTEXTS: WOMEN OF ASIA, LATIN AMERICA AND AFRICA H 3 sem. hrs.

Interdisciplinary study of varieties of women's cultural expressions within distinct social contexts including comparative emphasis on different regions of concern. Also offered as ENG 206. Prerequisites: COM 110 and ENG 101.

292 CAREERS IN FOREIGN LANGUAGES**1 sem. hr.**

Provides students with career information and job search techniques. Prerequisites: LAN major/minor only; a minimum of 60 hours completed.

300 RESEARCH IN FOREIGN LANGUAGES**1-3 sem. hrs.**

Supervised work in a foreign literature, in comparative language studies, or in educational materials for foreign language laboratory. Assignments will depend on the preparation and interest of the student. May repeat if content differs. Prerequisite: Consent of the department chair.

319 PRINCIPLES IN WORLD LANGUAGE LEARNING**3 sem. hrs.**

Exploration of current K-12 world language pedagogical practices and second language acquisition theories. Formerly *PRINCIPLES IN FOREIGN LANGUAGE LEARNING*. Prerequisites: To be taken concurrently with LAN 320. Grade of B or better in FRE 235 or SPA 213 or GER 310. Grade of C or better in TCH 210 and TCH 216 or concurrent registration. Admission to Professional Studies. Advanced low or above on Oral Proficiency Interview.

320 WORLD LANGUAGE TEACHING IN THE K-12 SETTING**3 sem. hrs.**

Practical implementation of K-12 world language teaching techniques. Includes Clinical Experiences: 50 hours. Formerly *FOREIGN LANGUAGE TEACHING IN THE K-12 SETTING*. Prerequisites: To be taken concurrently with LAN 319. Grade of B or better in FRE 235 or SPA 213 or GER 310. Grade of C or better in TCH 210, 212, 216 and 219. TCH 219 may be taken concurrently with LAN 320. Admission to Professional Studies. Advanced low or above on Oral Proficiency Interview.

321 INTEGRATING TECHNOLOGY INTO THE FOREIGN LANGUAGE CLASSROOM**3 sem. hrs.**

Supplementing the basic methodology of foreign language teaching with media materials and the techniques for their use in the language classroom. Prerequisites: LAN 319 or 320 or 475 or concurrent registration or consent of the instructor.

350 FOREIGN LANGUAGE TESTING AND ASSESSMENT**3 sem. hrs.**

Exploration of development and uses of language tests according to current views of foreign language teaching. Prerequisites: FRE, GER, or SPA 213 or equivalent; foreign language proficiency; LAN 319 is recommended.

398 PROFESSIONAL PRACTICE: INTERNSHIPS AND COOPERATIVE EDUCATION IN FOREIGN LANGUAGE**1-16 sem. hrs.**

Maximum 16 hours toward graduation. Depending upon nature of placement, department may allow 1-4 hours to count toward major/minor in language used. May be repeated. Prerequisite: Complete department application procedure.

Chinese Courses (CHI)**111 FIRST-YEAR CHINESE (PART I)****4 sem. hrs.**

Introductory Chinese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

112 FIRST-YEAR CHINESE (PART II)**4 sem. hrs.**

Continuation of Introductory Chinese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary. Prerequisite: Chinese 111 or consent of the instructor.

115 SECOND-YEAR CHINESE (PART I)**4 sem. hrs.**

Review of basic grammatical patterns, vocabulary building, development of reading and writing abilities. Prerequisite: Chinese 112 or consent of the instructor.

French Courses (FRE)**111 FIRST-YEAR FRENCH (PART I)****4 sem. hrs.**

Pronunciation; essentials of grammar; exercises in hearing, speaking and writing French; reading material of graded difficulty. Not recommended if student had 3 years of high school French. Not for credit if had FRE 112, 115 or 116.

112 FIRST-YEAR FRENCH (PART II)**4 sem. hrs.**

Continuation of Part I. Not for credit if had FRE 115 or 116.

115 SECOND-YEAR FRENCH (PART I)**4 sem. hrs.**

Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisite: FRE 112 or high school French equivalent.

116 SECOND-YEAR FRENCH (PART II) LH**4 sem. hrs.**

Continuation of FRE 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisite: FRE 115.

133A12 STUDY ABROAD: FRENCH**1-6 sem. hrs.****209 FRENCH PHONETICS****3 sem. hrs.**

Scientific approach to French pronunciation, correct formation of French sounds, practical application of the theory of phonetics. Prerequisite: FRE 116.

213 ADVANCED TECHNIQUES IN WRITTEN FRENCH**3 sem. hrs.**

Written communication skills in French. Formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building. Grammar review. Prerequisite: FRE 116.

200 Languages, Literatures, and Cultures

214 ADVANCED FRENCH CONVERSATION AND CONTEMPORARY CULTURE 3 sem. hrs.

Introduction to contemporary French culture and development of oral communication and listening skills. Prerequisite: FRE 116.

220 ADVANCED FRENCH READING AND VOCABULARY SKILLS 3 sem. hrs.

Vocabulary building through the reading and discussion of representative French poems, plays, and prose texts. Grammar review. Prerequisite: FRE 213.

223 INTRODUCTION TO FRENCH LITERATURE IN CONTEXT 3 sem. hrs.

Introduction to major works of French literature in their cultural and socio-historical contexts. Not for credit if had FRE 221, 222. Prerequisites: FRE 213 and 220.

235 ADVANCED FRENCH GRAMMAR 3 sem. hrs.

Systematic study of the morphology and syntax of the modern French language. Prerequisites: 2 courses beyond FRE 116. FRE 213 and 220 are recommended.

236 FRENCH FOR BUSINESS AND THE PROFESSIONS 3 sem. hrs.

Development of practical language skills needed for doing business in the French-speaking world from a cultural and commercial perspective. Prerequisite: FRE 213.

305 HISTOIRE DE LA CIVILISATION FRANCAISE 3 sem. hrs.

Survey of French culture and civilization from ancient times to the present day. May repeat if content differs. Prerequisites: 2 courses beyond FRE 116.

314 STUDIES IN CONTEMPORARY FRANCOPHONE CULTURE 3 sem. hrs.

Introduction to Francophone cultures, primarily outside France, through the study of literary texts, films, and historiography. May be repeated if content differs. Formerly *STUDIES IN CONTEMPORARY FRENCH AND FRANCOPHONE CULTURE*. Prerequisites: 2 courses beyond FRE 116.

325 SELECTED TOPICS IN FRANCOPHONE LITERATURE AND CULTURE 3 sem. hrs.

Readings of representative literary works in their cultural contexts written in French by authors residing outside France. May repeat if content differs. Prerequisites: 2 courses beyond FRE 116.

327 SELECTED TOPICS IN SEVENTEENTH- AND EIGHTEENTH-CENTURY FRENCH LITERATURE AND CULTURE 3 sem. hrs.

Readings of representative seventeenth- and/or eighteenth-century literary texts in their cultural (philosophical, political, social, economic, and/or historical) contexts. May repeat if content differs. Prerequisites: 2 courses beyond FRE 116.

328 SELECTED TOPICS IN NINETEENTH- AND TWENTIETH-CENTURY FRENCH LITERATURE AND CULTURE 3 sem. hrs.

Readings of representative nineteenth- and/or twentieth-century literary texts in their cultural (philosophical, political, social, economic, and/or historical) contexts. May repeat if content differs. Prerequisites: 2 courses beyond FRE 116.

335 COMPARATIVE FRENCH/ENGLISH GRAMMAR AND STYLE 3 sem. hrs.

Intensive, advanced, comparative grammar, and composition, including analysis of stylistic differences between French and English. Prerequisite: FRE 235 or consent of the instructor.

340 INTRODUCTION TO APPLIED FRENCH LINGUISTICS 3 sem. hrs.

Principles and methods of objective language analysis applied to relevant issues in the French language and the teaching of French. Prerequisite: FRE 235.

341 HISTORY OF THE FRENCH LANGUAGE 3 sem. hrs.

History of the French language from its beginnings to the contemporary Francophonie through the study of linguistic change and socio-cultural phenomena. Prerequisites: two of the following courses: 2 courses beyond FRE 116.

385 SELECTED TOPICS IN FRENCH LITERATURE 3 sem. hrs.

Intensive study of a genre, group of authors or a single major writer in French literature. This study varies each semester. May repeat if content differs. Prerequisites: 2 courses beyond FRE 116.

386 TOPICS IN FRENCH AND FRANCOPHONE CINEMA 3 sem. hrs.

Study of the history and aesthetics of French and/or Francophone cinema in its historical, sociopolitical, and cultural context. Topics vary. May be repeated if content differs; maximum of 6 hours. Prerequisites: 2 courses beyond FRE 116.

German Courses (GER)

111 FIRST-YEAR GERMAN (PART I) 4 sem. hrs.

Pronunciation, essentials of grammar, reading materials of graded difficulty, oral and written exercises. Not recommended if student had 3 years high school German. Not for credit if had GER 115 or 116.

112 FIRST-YEAR GERMAN (PART II) 4 sem. hrs.

Continuation of Part I. Not recommended if student had 3 years high school German. Not for credit if had GER 115 or 116.

115 SECOND-YEAR GERMAN (PART I) 4 sem. hrs.

Class reading of short stories, plays and essays. Grammar review, oral and written composition. Prerequisite: GER 112 or 2 years of high school German.

116 SECOND-YEAR GERMAN (PART II) LH**4 sem. hrs.**

Continuation of GER 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisite: GER 115.

133A13 STUDY ABROAD: GERMAN**1-6 sem. hrs.****211 INTRODUCTION TO GERMAN LITERATURE****3 sem. hrs.**

Readings and analysis of selected short stories, plays, poetry, and other literary forms as first general introduction to German literature. Prerequisite: GER 116 or equivalent.

213 INTERMEDIATE GERMAN COMPOSITION**3 sem. hrs.**

Study of written communication skills in German, vocabulary building, correct phrasing and style, writing strategies, use of dictionaries and reference materials. Prerequisite: GER 116 or consent of the instructor.

217 GERMAN CULTURE AND CIVILIZATION**3 sem. hrs.**

Overview of German culture from the beginning to World War I as derived from selected readings and class discussions. Prerequisite: GER 116 or consent of the instructor.

285 TOPICS IN GERMAN LANGUAGE, LITERATURE, AND CULTURE**3 sem. hrs.**

Focused study of a topic such as: grammatical structures/vocabulary, literary texts/themes, or cultural history/documents. May be repeated if content is different; maximum of 15 hours. Prerequisite: GER 116 or consent of the instructor.

310 ADVANCED STUDY OF THE GERMAN LANGUAGE**3 sem. hrs.**

The study of linguistic concepts and their advanced application through the integration of practical work to improve language skills with appropriate theoretical topics in linguistics. Prerequisite: GER 213 or consent of the instructor.

317 CONTEMPORARY ISSUES OF THE GERMAN-SPEAKING COUNTRIES**3 sem. hrs.**

Development of advanced German skills in reading, writing, speaking, and listening through a study of contemporary issues of the German-speaking countries since World War I, as reflected in essays and articles. Prerequisite: GER 217 or consent of the instructor.

322 SURVEY OF GERMAN LITERATURE**3 sem. hrs.**

Reading and discussion of representative works of the most important authors from the early 19th century to the present. Prerequisite: GER 211 or consent of the instructor.

385 SELECTED TOPICS IN GERMAN LITERATURE OR CULTURE**3 sem. hrs.**

Intensive study of a theme, genre, including film, group of authors, or a single major writer in German literature. May repeat if content differs. Prerequisite: GER 211 or consent of the instructor.

Italian Courses (ITA)**111 FIRST-YEAR ITALIAN (PART I)****4 sem. hrs.**

Pronunciation; essentials of grammar; exercises in comprehending, speaking, and reading material of graded difficulty.

112 FIRST-YEAR ITALIAN (PART II)**4 sem. hrs.**

Continuation of Part I.

115 SECOND-YEAR ITALIAN (PART I)**4 sem. hrs.**

Continued development of aural-oral skills, reading and writing in Italian. Prerequisite: ITA 112 or consent of the instructor.

116 SECOND-YEAR ITALIAN (PART II) LH**4 sem. hrs.**

Continuation of ITA 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisite: ITA 115 or consent of the instructor.

133A01 STUDY ABROAD: ITALIAN**1-6 sem. hrs.****221 ADVANCED ITALIAN CONVERSATION AND CONTEMPORARY SOCIETY****3 sem. hrs.**

Study of issues in contemporary Italian society; refinement of oral skills and reading comprehension. Prerequisite: ITA 116 or equivalent.

222 INTRODUCTION TO MODERN ITALIAN LITERATURE AND FILM**3 sem. hrs.**

Study of representative modern literary texts; viewing and analysis of significant Italian films; advanced grammar and composition. Prerequisite: ITA 116 or equivalent.

Japanese Courses (JPN)**111 FIRST-YEAR JAPANESE (PART I)****4 sem. hrs.**

Introductory Japanese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary.

112 FIRST-YEAR JAPANESE (PART II)**4 sem. hrs.**

Continuation of introductory Japanese emphasizing listening and speaking skills; concentration on understanding and using simple phrases and vocabulary. Prerequisite: JPN 111.

202 Literatures, Languages, and Cultures

115 SECOND-YEAR JAPANESE (PART I)

4 sem. hrs.

Review of basic grammatical patterns, vocabulary building, development of reading and writing abilities. Prerequisite: JPN 112 or consent of the instructor.

116 SECOND-YEAR JAPANESE (PART II) LH

4 sem. hrs.

Continuation of JPN 115. Class reading of short stories, plays, and essays. Grammar review, oral and written composition. Prerequisite: JPN 115 or consent of the instructor.

231 JAPANESE CONVERSATION AND COMPOSITION

3 sem. hrs.

Further development of written and oral skills through guided conversations and compositions on topics from contemporary Japanese civilization. Prerequisite: JPN 116 or consent of the instructor.

232 ADVANCED JAPANESE READING AND COMPOSITION

3 sem. hrs.

Development of reading fluency and writing proficiency in modern Japanese through study of un-adapted texts, including selections from modern fiction. Prerequisite: JPN 231 or consent of the instructor.

Latin Courses (LAT)

111 FIRST-YEAR LATIN (PART I)

4 sem. hrs.

Pronunciation; essentials of grammar; reading graded material; exercises in writing easy Latin; consideration of the Latin element in English.

112 FIRST-YEAR LATIN (PART II)

4 sem. hrs.

Continuation of Part I.

115 SECOND-YEAR LATIN (PART I)

4 sem. hrs.

Review of Latin fundamentals. Practice in writing simple Latin. Reading beginning with graded Latin selections and progressing to selections from various authors. Prerequisite: LAT 112 or high school Latin equivalent or consent of the department chair.

Portuguese Courses (POR)

111 FIRST YEAR PORTUGUESE (PART I)

4 sem. hrs.

Fundamentals of grammar. Practice in speaking, understanding, reading and writing Portuguese. Not recommended if student has 3 or more years of high school Portuguese. Not for credit if had POR 112 or 115. Students that have not had any experience with Portuguese language should begin with this course.

112 FIRST YEAR PORTUGUESE, PART II

4 sem. hrs.

Continuation of Part I. Not for credit if had POR 115. Prerequisite: POR 111 or equivalent.

115 SECOND YEAR PORTUGUESE (PART I)

4 sem. hrs.

Review of Portuguese grammar, vocabulary building, oral and written practice. Prerequisites: POR 111 and 112 or equivalent.

116 SECOND YEAR PORTUGUESE (PART II) LH

4 sem. hrs.

Continuation of POR 115. Class reading of short stories, plays, and essays. Grammar review and oral proficiency emphasized. Prerequisites: POR 115.

Spanish Courses (SPA)

Heritage speakers of Spanish should consult the Departmental advisor for further information.

111 FIRST-YEAR SPANISH (PART I)

4 sem. hrs.

Fundamentals of grammar. Practice in speaking, understanding, reading and writing Spanish. Not recommended if student had 3 years of high school Spanish. Not for credit if had SPA 115, 116 or 120.

112 FIRST-YEAR SPANISH (PART II)

4 sem. hrs.

Continuation of Part I. Not recommended if student had 3 years of high school Spanish. Not for credit if had SPA 115, 116 or 120.

115 SECOND-YEAR SPANISH (PART I)

4 sem. hrs.

Review of Spanish grammar, vocabulary building, oral and written practice. Prerequisites: SPA 111 and 112 or equivalent.

116 SECOND-YEAR SPANISH (PART II) LH

4 sem. hrs.

Continuation of SPA 115. Class reading of short stories, plays, and essays. Grammar review and oral proficiency emphasized. This course is writing intensive. Prerequisite: SPA 115.

120 INTRODUCTION TO ACADEMIC SPANISH FOR SPANISH SPEAKERS LH

4 sem. hrs.

Introduction to the basics of grammar, spelling, and vocabulary of formal academic Spanish for students who already speak Spanish. Not for credit if had 116. Prerequisite: Ability to speak Spanish at the high intermediate level, sufficient to carry on informal everyday conversations fluently.

133A15 STUDY ABROAD: SPANISH

1-6 sem. hrs.

213 SPANISH GRAMMAR

3 sem. hrs.

Detailed study of Spanish grammar emphasizing technical and stylistic aspects of native language patterns. Prerequisite: SPA 116 or 120 or consent of the instructor.

214 CONVERSATION AND CULTURE IN SPANISH

3 sem. hrs.

Focus on oral communication skills: topics will emphasize cultures in Spain, Latin American and Spanish-speaking regions of the United States. Not for credit if have ACTFL speaking score of Advanced. Prerequisite: SPA 116 or 120.

215 INTRODUCTION TO SPANISH LINGUISTICS**3 sem. hrs.**

Principles and methods of objective language analysis applied to relevant issues in Spanish. Prerequisite: SPA 213.

223 ADVANCED SPANISH COMPOSITION**3 sem. hrs.**

Study of advanced composition skills in Spanish, including formal and informal writing, use of dictionaries and reference materials, orthography, and vocabulary building. Prerequisite: SPA 213.

233 INTRODUCTION TO HISPANIC LITERATURE**3 sem. hrs.**

Reading and analysis of representative poems, plays and prose texts as first general introduction to Spanish and Spanish-American literature. Prerequisite: SPA 213.

240 BUSINESS SPANISH**3 sem. hrs.**

Development of practical language skills needed for doing business in the Spanish speaking world from a cultural and commercial perspective. Prerequisite: SPA 213.

243 CULTURA ESPAÑOLA**3 sem. hrs.**

Spanish customs and institutions in their historical perspective. Prerequisites: SPA 213 required; SPA 223 recommended.

244 CULTURA HISPANOAMERICANA**3 sem. hrs.**

Cultural life and customs of Spanish-speaking countries in the Americas. Prerequisites: SPA 213 required; SPA 223 is recommended.

305 CURRENT TOPICS IN HISPANIC CIVILIZATION AND CULTURE**3 sem. hrs.**

Recent trends, issues and changes in Spanish-speaking world. Varying topics and pedagogical strategies for teaching culture. May be repeated if content is different. Prerequisite: SPA 243 or 244.

310 SPANISH SYNTAX**3 sem. hrs.**

In-depth study of grammatical structures and the relations between structure and meaning based on current analytic approaches to syntax. Prerequisite: SPA 215 or consent of the instructor.

311 SPANISH PHONETICS AND PHONOLOGY**3 sem. hrs.**

In-depth study of the fundamental concepts of Spanish Phonetics and Phonology. The course treats the Spanish sound system and its core phonological processes. Prerequisite: SPA 215 or consent of the instructor.

323 SPANISH LITERATURE: MEDIEVAL AND RENAISSANCE**3 sem. hrs.**

Reading and analysis of major Spanish writers from the Medieval period through the Renaissance, in their literary and cultural contexts. Prerequisite: SPA 233.

324 SPANISH LITERATURE: 18TH CENTURY TO PRESENT DAY**3 sem. hrs.**

Reading and analysis of major Spanish writers from the 18th century to the present day, in their literary and cultural contexts. Prerequisite: SPA 233.

326 SPANISH AMERICAN LITERATURE: FOUNDATIONS TO LATE 19TH CENTURY**3 sem. hrs.**

Reading and analysis of Spanish American literature in its cultural context, from its colonial foundations through Independence and nation building. Prerequisite: SPA 233.

327 SPANISH AMERICAN LITERATURE: LATE 19TH CENTURY TO PRESENT DAY**3 sem. hrs.**

Reading and analysis of Spanish American literature in its cultural context, from nation building to the present day. Prerequisite: SPA 233.

336 SELECTED TOPICS IN SPANISH-AMERICAN LITERATURE**3 sem. hrs.**

Variable topics providing in-depth study of major authors, works, genres, themes, or movements. May be repeated if content is different; a maximum of 18 semester hours. Prerequisite: SPA 233.

337 SELECTED TOPICS IN PENINSULAR SPANISH LITERATURE**3 sem. hrs.**

In-depth study of major authors, works, genres, themes, or movements in Spanish literature from the Middle Ages to the present. May be repeated if content is different; a maximum of 18 semester hours. Prerequisite: SPA 233.

360 STUDIES IN SPANISH LINGUISTICS**3 sem. hrs.**

Detailed study of a particular linguistic sub-discipline of the Spanish language. May be repeated if content is different. Prerequisite: SPA 215.

370 TOPICS IN SPANISH PEDAGOGY**3 sem. hrs.**

Exploration of different pedagogical issues for the Spanish language classroom. May repeat if content is different. Prerequisite: SPA 310 or consent of the instructor. LAN 319 recommended.

385 TOPICS IN HISPANIC LITERATURE**3 sem. hrs.**

Intensive study of a genre, movement, author or work. This study varies each semester. May be repeated if content is different; maximum of 18 hours. Prerequisite: SPA 233.

MATHEMATICS (MAT) 452

313 Stevenson Hall, (309) 438-8781

Website: Math.IllinoisState.edu

Chairperson: George Seelinger.

Tenured/Tenure-track Faculty:

Distinguished Professor: El-Zanati.

Professors: F. Akman, O. Akman, Barrett, Cheng, Clements, Ellerton, Ionescu, Jordon, Langrall, Martin, Mooney, Ostaszewski, Seelinger, Sissokho, Thiagarajah, Zhao.

Associate Professors: Barker, Chebolu, Cullen, Delgado, Tobias, Winsor, Xu, Yamskulna.

Assistant Professors: Bahmanian, Miller, Zhu.

For current information on faculty interests and e-mail addresses, Mathematics programs, careers in mathematics and schedule of classes, visit our website: Math.IllinoisState.edu.

General Department Information

Cooperative Education/Internship in Mathematics:

The Department offers a Cooperative Education/Internship program for undergraduate Mathematics majors which provides for practical work experience in business, government, or industry. Students interested in participating in the program may secure further information by contacting the Mathematics Department Office.

HONORS IN MATHEMATICS

The Department offers an honors program for majors emphasizing a broad liberal arts program with requirements in Mathematics and in the General Education Program. Students interested in participating in departmental honors programs may secure further information by contacting the Undergraduate Director. In addition students must fulfill the general requirements for participation in the University Honors Program. Completion of the program will be posted on a student's transcript and diploma. The Department also offers in-course honors for students enrolled in the University Honors Program. Further details about the University Honors program are available at Honors.IllinoisState.edu.

MINOR IN COGNITIVE SCIENCE

The Department of Mathematics participates in the Minor in Cognitive Science program. Several courses offered by the Department contribute to the minor. For further information, please consult a Department advisor as well as the section entitled "Minor in Cognitive Science" under Interdisciplinary Studies Programs in this *Undergraduate Catalog*.

Mathematics Programs

Degrees Offered: B.A., B.S.

Career Information for Mathematics Majors and Minors:

Career information for Mathematics Majors and Minor can be found on the website at Math.IllinoisState.edu/careers.

Students are urged to consult with the Mathematics Undergraduate Director or Mathematics faculty in planning their programs. Information on careers in Mathematics can be secured from the Mathematics Undergraduate Director and from the Mathematics Department website.

Students interested in meeting the requirements for licensure to teach secondary school Mathematics must consult with a Mathematics Education advisor to design a special program of studies.

Students preparing for a specific career are advised to include courses from the appropriate list(s) that follow. The courses with an **asterisk (*)** should be among those selected. Those wishing a major or minor in Mathematics should select additional courses from the list as well. (Note that some courses in the following lists may not count toward major or minor requirements.):

- **Business Management:** MAT 260, 337, 340, 350, 351*, 353, 356, 361, 362*, 363, 378.
- **Secondary Teaching:** MAT 210, 211*, 223*, 236*, 247, 260*, 268, 320, 321, 323*, 324*, 326*, 330*, 336, 347, 350, 351, 362, 378.
- **Business, Government, and Industry:** MAT 260, 337, 340*, 341, 345, 351*, 353, 356*, 361, 362, 363, 378.
- **Applications or Research in Physical Sciences:** MAT 236, 336, 337, 340*, 341*, 345*, 350, 378.
- **Applications or Research in Social Sciences:** MAT 260, 337, 340, 350*, 351*, 356*, 361, 362, 363, 378.
- **Graduate Study and Research in Mathematics:** MAT 210, 236*, 247, 260, 330, 336*, 337*, 340, 341, 345, 347*, 350, 351, 361, 363, 378.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Departmental requirements for admission to the University Professional Studies program include a minimum Mathematics GPA of 2.80, a cumulative GPA of 2.80 and completion of Calculus I, II, and III and MAT 223 with grades of C or better.

The term "Mathematics GPA" used above and throughout this *Undergraduate Catalog* means a GPA computed

using all college Mathematics courses completed at Illinois State University that are eligible for credit toward the major as well as other required courses for the major.

The only Mathematics courses that are not eligible for credit toward the major are the following: MAT 102, 104, 108, 113, 119, 120, 121, 130, 131, 150, 152, 160, 162, 201, 202, 298, 298.50, 302, 304, 307, 309, 312, 314, 315, 385. In addition, MAT 280 and 283 are not eligible for credit toward MAT/MAT Education Sequences.

Graduation GPA Requirement for Majors:

The minimum graduation Mathematics GPA is 2.00 for a Mathematics Major, 2.80 for a Mathematics Teacher Education Major, 3.00 for Mathematics Major: Actuarial Science Sequence, and 2.00 for Mathematics Major: Statistics Sequence. These grade point averages are computed using the following courses taken at Illinois State: the required English and computer programming courses and all Mathematics courses that are eligible for credit toward the major.

NOTE: Students who have taken calculus in high school may request to take a Calculus Proficiency Test. If proficiency credit is granted, students may begin their Mathematics courses with MAT 146 or a higher-level course.

To ensure proper placement, transfer students should consult with an advisor prior to registration for classes.

MAJOR IN MATHEMATICS

- A minimum of 45 hours in Mathematics required.
- Required courses with a grade of C or better: MAT 145, 146, 147, 175, 236, 247, 260, 350; ENG 145 or 249 or equivalent.
- One computer programming course from: IT 165, 168. **NOTE:** Hours taken in Information Technology do not count toward the required 45 hours in Mathematics.
- At least one course chosen from MAT 336, 337, 347.
- From the following groups, select three or more courses, not all in the same group:
 - Algebra group:** MAT 330, 336, 337.
 - Analysis group:** MAT 340, 341, 345, 347.
 - Discrete group:** MAT 361, 362, 363.
 - Statistics group:** MAT 351, 378.
 - Research group:** MAT 268.
- Submission of senior portfolio (see advisor).

Suggested Mathematics Schedules for Majors:

- Schedule (a) Students beginning with Calculus I
- Schedule (b) Students beginning with Calculus II
- Schedule (c) Accelerated schedule for honors students or those preparing for graduate school

Semester	(a)	(b)	(c)
1	145	146	146
2	146	147	147
3	147	175	175, 260
4	175, 260	260	236
5	236, 247	236, 247	247

Mathematics Teacher Education Sequence:

This sequence of the major is part of the entitlement program leading to high school mathematics teacher endorsement.

- A minimum of 50 hours in Mathematics is required with a minimum overall GPA of 2.80 and a minimum Mathematics GPA of 2.80 required for retention and graduation.
- Required Mathematics courses: MAT 145, 146, 147, 175, 211, 223, 236, 260, 320, 323, 324, 352; one mathematics elective (3 hours chosen from 200- or 300-level mathematics courses that are offered for major/minor credit, but are not designed for the actuarial sequence); and a Capstone Course: one of MAT 268 or 328. **NOTE:** MAT 211; TCH 216 or equivalent, and MAT 236 (or concurrent registration) are prerequisites for MAT 323. MAT 323 must be completed before the student teaching experience. MAT 147 and 45 credit hours completed are prerequisites for MAT 223. MAT 326 can count as a mathematics elective if not used for the technology requirement.
- Technology Requirement: One of MAT 326 or IT 168 or TEC 151. **NOTE:** Hours taken to fulfill the technology requirement do not count toward the required 50 hours in Mathematics.
- Professional Education requirements (27 hours): EAF 228 or 231 or 235; PSY 215; SED 101; TCH 212, 216, 219; Student Teaching 399A27 (two sections of 5 hours each).
- Interested students should consult their advisor about opportunities for tutoring secondary school students, serving as a teaching assistant, or other relevant voluntary Clinical Experiences.
- Submission of senior portfolio.
- A grade of C or better in all required major courses, and adherence to all requirements and deadlines is required for admission to Professional Studies and Student Teaching. Application forms and information about deadlines and procedures for admission to Professional Studies and Student Teaching are available from the Cecilia J. Lauby Teacher Education Center and on the Mathematics Department website.

Admission to the Mathematics Teacher Education Sequence is limited and highly competitive.

Suggested Mathematics Schedules for Mathematics Teacher Education Sequence Majors:

- Schedule (a) Students beginning with Calculus I
- Schedule (b) Students beginning with Calculus II
- Schedule (c) Accelerated schedule for honors students (Students beginning with Calculus III).

Semester	(a)	(b)	(c)
1	145	146	147, 175
2	146	147, 175	260, 320
3	147, 175	260, 320	211
4	223, 260, 320	211	223, 352
5	211, 352	223, 352	236 or elective
6	236, elective	236, elective	236 or elective
7	323, 326, 328	323, 326, 328	323, 326, 328
8	324	324	324

Pedagogy Emphasis Sequence:

This sequence of the major is not part of the entitlement program leading to high school mathematics teacher endorsement. All requirements are the same as the Mathematics Teacher Education Sequence except for State of Illinois requirement of successful completion of the edTPA.

Actuarial Science Sequence:

This sequence of the major is designed to teach the students the mathematical foundations of actuarial science, and to prepare them for careers as actuaries in a variety of fields dealing with the risk of potential financial losses, such as life insurance, health insurance, financial risk management, property/casualty/liability insurance, pensions, or employee benefits.

- 71 hours required.
- Required courses: MAT 145, 146, 147, 175, 280, 350, 351, 353, 380, 381, 383, 384 and ACC 131, 132; ECO 105; FIL 242, 250, 341; IT 168.
- Submission of senior portfolio (see actuarial advisor).
- Students are encouraged to take MAT 298 (professional internship), MAT 283 (actuarial computing), and intensive reviews for actuarial examinations offered through the Illinois State University Conferencing Unit.

Suggested Mathematics Schedules for Actuarial Science Majors:**Semester Courses**

1	145
2	146
3	147
4	175
5	280, 350
6	351, 380
7	381, 384
8	353, 383

Required courses in the Actuarial Science Sequence (outlined above) provide the contents of the Society of Actuaries examinations P, FM, MLC, MFE, and C, or the Casualty Actuarial Society examinations 1, 2, 3, and 4, as well as complete VEE requirements. Courses correspond to professional actuarial examinations as follows:

SOA exam P (same as CAS exam 1): MAT 350

SOA exam FM (same as CAS exam 2): MAT 280

SOA exam MLC and CAS exam 3LC: MAT 380 and MAT 381

SOA exam MFE and CAS exam 3F: MAT 383

SOA exam C (same as CAS exam 4): MAT 384

CAS exam 3ST: MAT 351

VEE Statistics: MAT 353

VEE Economics: ECO 105

VEE Finance: FIL 242 and FIL 341

Statistics Sequence:

This sequence of the major is designed to prepare students for statistical work in industry and government. In addition to learning the mathematical foundation in statistics, students study at least two cognate areas of application of statistics from Biometrics, Econometrics, and Psychometrics. This will allow students to experience many fields of statistical applications and select a field of their choice for a career.

— Required courses: MAT 145, 146, 147, 175, 260, 350, 351. At least two courses from the following list: MAT 353, 356, 450, 453, 455, 456, 458 (Only senior students with good standing will be allowed to take a graduate-level course with approval of the Graduate School.)

- One computer-programming course from IT 155A01, IT 155A02.
- Select at least two of the following areas and complete at least two courses from the list of approved courses for each area.

Biological Sciences: BSC 201, 203, 219, 297, 321.

Economics: ECO 225, 235, 238, 239, 240, 241, 320, 331, 339.

Psychology: PSY 230, 231, 233, 331, 334.

It is to the advantage of the student to have a minor or double major in one of the above areas. However, it is not a requirement for the sequence. Senior students in good standing are encouraged to take upper level applied statistics courses from selected cognate areas.

Suggested Mathematics Schedules for the Statistics Sequence Majors:

Schedule (a) Students beginning with Calculus I

Schedule (b) Students beginning with Calculus II

Schedule (c) Students intending to pursue graduate studies

Semester	(a)	(b)	(c)
1	145	146	146
2	146	147	147
3	147, 260	260	175, 260
4	175, 350	175, 350	350
5	351	351	351, ST*
6	356, ST*	356, ST*	356, ST*
7	353, ST*	353, ST*	353, ST*
8	ST*, ST*	ST*, ST*	458*

*In the above schedule ST stands for selected courses from cognate areas. Senior students with good standing are encouraged to take upper level statistics courses. However, in order to take a graduate level course, permission is required from the respective departments and the graduate school.

MINOR IN MATHEMATICS

- 22-24 hours in Mathematics required.
- Required courses: MAT 145 and 146.
- At least four courses chosen from MAT 147, 175, 236, 247, 250, 260, 268, 330, 336, 337, 340, 341, 345, 347, 351, 361, 362, 363, 378.

NOTE: MAT 350 is an acceptable substitute for MAT 250 for this minor.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Mathematics Courses

- A year of high school geometry and a second year of high school algebra are highly recommended for anyone who wants to take Mathematics courses.
- Students may not enroll in a course which is prerequisite to a course that has been completed with a grade of C or better.
- Some courses may not be taken under the Passing/No Passing (P/NP) option (see course descriptions).

102 BASIC ALGEBRA 4 sem. hrs.

Introduction to the basic concepts of elementary algebra. Does not count toward graduation. CR/NC only.

102A01 BASIC ALGEBRA:DEVELOPMENTAL NUMERICAL REASONING

4 sem. hrs.

Introduction to the basic concepts of elementary algebra. Does not count toward graduation. CR/NC only.

104 INTERMEDIATE ALGEBRA 3 sem. hrs.

Intermediate course between one year of high school algebra and college algebra. Scientific calculator required. Meets 5 days a week. Does not count toward graduation. CR/NC only. Prerequisite: Mathematics placement or credit in MAT 102.

108 TRIGONOMETRY 2 sem. hrs.

Circular functions, their graphs, inverses, identities and applications. Right triangle trigonometry and applications. Department-approved graphing calculator required. Prerequisite: Mathematics placement or grade of C or better in MAT 119.

113 ELEMENTS OF MATHEMATICAL REASONING M 4 sem. hrs.

The study of elementary counting methods, basic statistics; and elementary mathematical modeling techniques, focusing on reasoning and solving real-life problems. Department approved calculator required. Not for credit major or minor. May not be taken under the P/NP option. Prerequisite: Mathematics placement exam or MAT 104.

119 COLLEGE ALGEBRA 3 sem. hrs.

Functions, relations, and inverses with emphasis on polynomial, rational, exponential, and logarithmic functions. Algebra of polynomials. Solving quadratic, exponential, and logarithmic equations. Solving quadratic, rational, and absolute value inequalities. Department-approved graphing calculator required. Meets 5 days a week. Not for credit major or minor. Prerequisite: Mathematics placement or MAT 104.

120 FINITE MATHEMATICS M 4 sem. hrs.

Linear functions, matrices, systems of linear equations, sets and counting, probability, statistics, and mathematics of finance. Department-approved graphing calculator required. May not be taken under the P/NP option. Not for credit major or minor. Prerequisite: Mathematics placement or grade of C or better in MAT 119.

121 APPLIED CALCULUS QR 4 sem. hrs.

Non-linear functions, intuitive differential, integral, and multivariate calculus, applications. Department-approved graphing calculator required. Not for credit major/minor. May not be taken under the P/NP option. Prerequisites: Grade of C or better in MAT 119 and 120.

130 DIMENSIONS OF NUMERICAL REASONING M 3 sem. hrs.

Focus on mathematical problem-solving and reasoning with understanding of numbers and their properties through various representations, including algebraic. Scientific calculator required. Not for credit major or minor. May not be taken under the P/NP option. Prerequisite: Mathematics placement or MAT 102A01 or 104.

131 GEOMETRIC REASONING: GEOMETRY AS EARTH MEASURES QR
3 sem. hrs.

A multidimensional focus on geometry as visualization, construction of figures, the study of the physical world, and a mathematical system. Not for credit major or minor. Prerequisites: MAT 113, 120, 130, or 145.

144 PRECALCULUS
4 sem. hrs.

Polynomial, absolute value, rational, exponential, logarithmic, and trigonometric functions and their graphs. Properties of trigonometric and inverse trigonometric functions and their applications. Conics, translation, and rotation of axes. Department-approved graphing calculator required. Prerequisites: Mathematics placement or grade of C or better in both MAT 108 and 119.

145 CALCULUS I M
4 sem. hrs.

Polynomial, exponential, logarithmic, and trigonometric functions. Differentiation with associated applications. Introduction to integration with applications. Department-approved graphing calculator required. May not be taken under the P/NP option. Prerequisite: Mathematics placement or grade of C or better in MAT 144.

146 CALCULUS II QR
4 sem. hrs.

Techniques and applications of integration, L'Hopital's rule, improper integrals, applications, infinite series, and Taylor's Theorem. Differential equations. Department-approved graphing calculator required. May not be taken under the P/NP option. Prerequisite: Grade of C or better in MAT 145.

147 CALCULUS III
4 sem. hrs.

Polar coordinates and parametric equations in the plane with applications. Vector curves and surfaces in space. Partial derivatives, gradients, directional derivatives, and tangent planes. Multiple integration and line integrals. Department-approved graphing calculator required. Prerequisite: Grade of C or better in MAT 146.

150 FUNDAMENTALS OF STATISTICAL REASONING QR
4 sem. hrs.

Develop statistical reasoning to analyze data and use elementary probability ideas to justify the validity of the analysis. Not for credit major or minor. Prerequisite: Grade of C or better in MAT 113, 120, 130 or 145.

152 DIMENSIONS OF MATHEMATICAL REASONING
3 sem. hrs.

Focus on mathematical problem-solving and reasoning while developing understanding of measurement, geometry, and statistics. Not for credit if had MAT 202. Formerly *STRUCTURE OF NUMBER SYSTEMS II*. Not for credit major or minor. Prerequisite: Grade of C or better in MAT 130.

160 ELEMENTARY DISCRETE MATHEMATICS
4 sem. hrs.

Elementary introduction to discrete mathematics, comprising topics relevant to computer science. Logic, algorithms, recursion, enumeration, relations, graph theory (including trees). Not for credit major or minor. Prerequisite: Grade of C or better in MAT 120 or 145.

175 ELEMENTARY LINEAR ALGEBRA
4 sem. hrs.

Vector geometry, matrices, systems of linear equations, vector spaces, linear transformations, eigenvalues and eigenvectors, diagonalization, applications to the physical and social sciences. Department-approved graphing calculator required. Prerequisite: Grade of C or better in MAT 146; 147 is recommended.

201 TEACHING MATHEMATICS IN THE ELEMENTARY SCHOOL
3 sem. hrs.

Background for meaningful teaching of whole numbers, fractions, and geometry/measurement concepts. Special emphasis on planning instruction for children at the K-8 level. May Include Clinical Experiences. Not for credit major or minor. Prerequisites: Grade of C or better in MAT 130 and grade of C or better in MAT 152 or MAT 202. Elementary Education or Middle Level Teacher Education major only. Completion of 60 hours and 2.50 major and overall GPA.

202 ALGEBRAIC REASONING FOR MIDDLE SCHOOL TEACHERS
4 sem. hrs.

Focus on algebraic reasoning with understanding of variables and their uses. Content includes proportional reasoning, linear and non-linear functions and inverse functions and elementary curve fitting techniques. Department-approved graphing calculator required. Not for credit major or minor. Formerly *ALGEBRAIC REASONING FOR THE K-8 TEACHER*. Prerequisites: Grade of C or better in MAT 130; 2.50 major GPA and either Mathematics placement or a grade of C or better in MAT 119.

210 SYMBOLIC LOGIC I
3 sem. hrs.

Introduction to proof theory. Formal deductive systems, especially propositional logic and predicate logic. Properties of deductive systems, such as consistency and completeness. Also offered as PHI 210. Prerequisites: 1 year each high school algebra and high school geometry.

211 EUCLIDEAN AND NON-EUCLIDEAN GEOMETRY
4 sem. hrs.

Inductive and deductive study of Euclidean geometry; includes transformations, tessellations, polyhedra, classical theorems, introduction to non-Euclidean geometry. Prerequisites: Grade of C or better in MAT 147 and 175. MAT 260 is recommended.

223 INTRODUCTION TO SECONDARY MATHEMATICS EDUCATION
3 sem. hrs.

Introduction to secondary mathematics teaching centered around classroom observations, discussion of teaching and learning, and doing mathematics while servicing all students. Introduction to EdTPA tasks and video analysis. Includes Clinical Experiences: 20+ hours. Prerequisites: Completion of 45 hours and grade of C or better in MAT 147 or concurrent registration.

236 ELEMENTARY ABSTRACT ALGEBRA
4 sem. hrs.

Congruence, rings, integral domains, fields, including rational, real, and complex numbers (trigonometric representation and complex roots), irreducibility of polynomials, homomorphisms. Prerequisites: Grade of C or better in MAT 175 and grade of C or better in MAT 260 or concurrent registration.

247 ELEMENTARY REAL ANALYSIS**3 sem. hrs.**

Least upper bounds, greatest lower bounds; basic topology of Euclidean spaces; limits of sequences and functions, continuous functions; differentiation theorems. Prerequisites: Grade of C or better in MAT 175 and 260.

260 DISCRETE MATHEMATICS**4 sem. hrs.**

Logic, sets, relations, functions, congruence, induction, recurrence relations, pigeonhole principle, inclusion-exclusion, permutations, combinations, graphs (including digraphs), trees, and applications. Prerequisite: Grade of C or better in MAT 146.

268 INTRODUCTION TO UNDERGRADUATE RESEARCH IN MATHEMATICS**3 sem. hrs.**

An introduction to mathematical discovery through participation in a departmental research program for undergraduates. May repeat if content differs; maximum 6 hours. Prerequisites: Grade of B or better in MAT 146 and consent of the instructor.

280 FINANCIAL MATHEMATICS**4 sem. hrs.**

Interest rates. Accumulation function. Annuities. Amortization schedules. Bonds and other securities. Amortization and depreciation. Yield curve. Duration, convexity, and immunization. Definitions of derivative securities. Prerequisites: Grade of B or better in MAT 145 and 146 or consent of the instructor.

283 INTRODUCTION TO ACTUARIAL COMPUTING**1 sem. hr.**

Basic actuarial computing models in a computer classroom setting. Present values, risk classification, data analysis for premiums and reserves. Prerequisite: Grade of C or better in MAT 280 or consent of the instructor.

298 PROFESSIONAL PRACTICE: INTERNSHIP IN MATHEMATICS**2-4 sem. hrs.**

Practical experience through professionally-oriented work in business, government, or industry. One credit per month of full-time employment. May be repeated; maximum 8 hours. CR/NC only. Not for credit major or minor. Prerequisites: MAT 175 plus 2 approved courses in MAT beyond 175; 2.75 overall GPA and 3.00 department GPA. Consent of department chair.

302 TEACHING MATHEMATICS IN THE MIDDLE SCHOOL**4 sem. hrs.**

Problems, viewpoints, and trends in teaching middle school mathematics. Implications of research related to organization, content, and techniques for teaching mathematics. May include Clinical Experiences. Not for credit major or minor. Formerly *TEACHING MATHEMATICS IN GRADES 6-8*. Prerequisites: Grade of C or better in MAT 309 and 312 or concurrent registration in either MAT 309 or 312. Completion of 60 hours and 2.50 major and overall GPA. Admission to Professional Studies.

304 MODERN GEOMETRY FOR MIDDLE SCHOOL TEACHERS**4 sem. hrs.**

Topics include Euclidean and non-Euclidean geometries and their history, transformations with connections to matrix algebra, fractals, and projective geometry. Department-approved graphing calculator required. Not for credit major or minor. Prerequisites: Grade of B or better in MAT 131 and 202. Completion of 60 hours and 2.50 major and overall GPA.

309 NUMBER THEORY FOR MIDDLE SCHOOL TEACHERS**4 sem. hrs.**

Focus is on number theory concepts, including divisibility, primes, composites, special number sets, and basic counting principles. Department-approved graphing calculator required. Formerly *NUMBER THEORY FOR K-8 TEACHERS*. Not for credit major or minor. Prerequisites: Grade of B or better in MAT 131 and 202. Completion of 45 hours and 2.50 major and overall GPA.

312 PROBABILISTIC AND STATISTICAL REASONING FOR MIDDLE SCHOOL TEACHERS**4 sem. hrs.**

Descriptive statistics, lines of best fit, basic concepts of probability, simulation, probability distributions, expectation, and counting techniques. Department-approved graphing calculator required. Formerly *PROBABILISTIC AND STATISTICAL REASONING FOR K-8 TEACHERS*. Not for credit major or minor. Prerequisites: Grade of B or better in MAT 131 and 202. Completion of 45 hours and 2.50 major and overall GPA.

314 CONCEPTS OF CALCULUS FOR MIDDLE SCHOOL TEACHERS**4 sem. hrs.**

Concepts of differential and integral calculus, including limits, sequences, and transcendental functions. Emphasis on the role of calculus in Mathematics and problem-solving. Department-approved graphing calculator required. Not for credit major or minor. Prerequisites: Grade of B or better in MAT 131 and 202. Completion of 45 hours and 2.50 major and overall GPA.

315 MATHEMATICAL MODELING FOR MIDDLE SCHOOL TEACHERS**4 sem. hrs.**

Mathematical modeling and problem-solving with applications involving networks and communication systems, finance, global positioning, data systems, and various branches of science. Department-approved graphing calculator required. Not for credit major or minor. Prerequisites: Grade of B or better in at least one of MAT 309 or 312 and a grade of C or better in the other. Completion of 60 hours and 2.50 major and overall GPA.

320 HISTORY OF MATHEMATICS**3 sem. hrs.**

History of the development of mathematical techniques and ideas from early civilization to present, including connections between mathematics and sciences. Formerly *HISTORY OF MATHEMATICS TO 1600*. Not for credit if had MAT 321 *HISTORY OF MATHEMATICS 1600-PRESENT*. Prerequisite: Grade of C or better in MAT 147.

**323 TEACHING MATHEMATICS
IN THE SECONDARY SCHOOL****3 sem. hrs.**

The selection, placement and teaching of secondary mathematics topics. Analysis of recent trends and practices. Department-approved graphing calculator required. Includes Clinical Experiences: 60 hours. Prerequisites: Grade of C or better in MAT 211 and 223; grade of C or better in MAT 236 or concurrent registration. TCH 216. Minimum 2.80 Mathematics and overall GPA and Department approval. Admission to Professional Studies.

**324 SEMINARS FOR STUDENT
TEACHERS OF MATHEMATICS****3 sem. hrs.**

Examines methods and materials for teaching algebra, geometry, and other secondary topics. Emphasizes content and professional aspects of mathematics teaching. Department-approved graphing calculator required. Prerequisites: Grade of C or better in MAT 236 and 323 and concurrent registration or completion of student teaching in Mathematics. Admission to Student Teaching.

**326 MATHEMATICAL PROBLEM SOLVING
USING TECHNOLOGY****3 sem. hrs.**

An advanced exploration of secondary mathematics curriculum through the use of technology. Considers roles of technology for mathematical concept development. Formerly *TECHNOLOGY TOOLS FOR SECONDARY SCHOOL MATHEMATICS*. Department-approved graphing calculator required. Prerequisite: Grade of C or better in MAT 211.

**328 MATHEMATICS FOR SECONDARY
TEACHER: A CAPSTONE EXPERIENCE****3 sem. hrs.**

Using college-level mathematics to examine high school mathematics from an advanced perspective. Formerly MAT 389A65. Prerequisites: MAT 223 and 211 or consent of the instructor. Mathematics Education Majors only.

330 NUMBER THEORY**3 sem. hrs.**

Divisibility, primes, unique factorization, linear congruences and Diophantine equations, number-theoretic functions, primitive roots, quadratic reciprocity, continued fractions or cryptography. Prerequisite: Grade of C or better in MAT 260.

336 ADVANCED ABSTRACT ALGEBRA**3 sem. hrs.**

Permutation, symmetry, matrix, and cyclic groups, subgroups, cosets, homomorphisms, quotient groups, the fundamental theorem of finite abelian groups, Sylow theorems. Prerequisite: Grade of C or better in MAT 236 or consent of the instructor.

337 ADVANCED LINEAR ALGEBRA**4 sem. hrs.**

Abstract vector spaces, linear transformations and matrices, inner product spaces, eigenvalues and eigenvectors, diagonalization. Applications to geometry, the physical and social sciences. Prerequisites: Grade of C or better in MAT 175 and senior standing.

340 DIFFERENTIAL EQUATIONS I**3 sem. hrs.**

First and second order differential equations, linear differential equations, power series methods, Laplace transform methods, numerical and computational methods, applications. Formerly *ELEMENTARY DIFFERENTIAL EQUATIONS I*. Prerequisites: Grade of C or better in MAT 147 and 175.

341 DIFFERENTIAL EQUATIONS II**3 sem. hrs.**

Linear systems of differential equations, numerical methods, Fourier series, boundary-value problems, partial and nonlinear differential equations and applications. Formerly *ELEMENTARY DIFFERENTIAL EQUATIONS II*. Prerequisites: Grade of C or better in MAT 175 and 340 or an elementary differential equation course.

345 ADVANCED CALCULUS**4 sem. hrs.**

Calculus of functions of several variables, Taylor's series of several variables, maxima and minima, Lagrange multipliers, inverse and implicit function theorems, multiple integration, line integrals, Green's, Stokes', and the divergence theorems. Prerequisites: Grade of C or better in MAT 147 and 175.

347 ADVANCED REAL ANALYSIS**4 sem. hrs.**

Topology of metric spaces, properties of sequences, continuous functions, limits of functions, differentiation, integration. Prerequisite: Grade of C or better in MAT 247 or 345 or consent of the instructor.

349 INTRODUCTION TO COMPLEX ANALYSIS**4 sem. hrs.**

An introduction to complex analysis, including elements of topology and geometry, with applications to advanced calculus, differential equations and physics. Prerequisite: MAT 147.

350 APPLIED PROBABILITY MODELS**4 sem. hrs.**

Sample spaces, discrete and continuous random variables, probability functions, density, moment generating functions, important distributions. Multivariate distributions, Central Limit Theorem. Prerequisite: Grade of C or better in MAT 147.

**350A01 APPLIED PROBABILITY MODELS:
FOR SECONDARY MATHEMATICS
EDUCATION****4 sem. hrs.**

Sample spaces, discrete and continuous random variables, probability functions, density, moment generating functions, important distributions. Multivariate distributions, Central Limit Theorem. For students preparing for Secondary Mathematics Education. Prerequisite: Grade of C or better in MAT 147.

351 STATISTICS AND DATA ANALYSIS**4 sem. hrs.**

Statistical estimation. Point and interval estimators. Consistency, unbiasedness, minimum variance. Hypothesis testing. Likelihood ratio tests. Regression, analysis of variance. Prerequisite: Grade of C or better in MAT 350 or consent of the instructor.

**351A01 STATISTICS AND DATA ANALYSIS:
FOR SECONDARY MATHEMATICS
EDUCATION**

4 sem. hrs.

Statistical estimation. Point and interval estimators. Consistency, unbiasedness, minimum variance. Hypothesis testing. Likelihood ratio tests. Regression, analysis of variance. For students preparing for Secondary Mathematics Education. Prerequisite: Grade of C or better in MAT 350 or consent of the instructor.

**352 PROBABILITY AND STATISTICAL
INFERENCE FOR EDUCATORS**

4 sem. hrs.

Sample spaces, discrete and continuous random variables, distributions, Central Limit Theorem. Point and interval estimation. Hypothesis testing. Regression, analysis of variance. Not for credit if had MAT 350 or 350A01. Prerequisite: Grade of C or better in MAT 147.

**353 REGRESSION AND TIME SERIES
ANALYSIS**

4 sem. hrs.

Regression and time series methods for business and economic applications, including exponential smoothing and Box-Jenkins methods. Computer statistical package used. Also offered as ECO 353. Prerequisite: MAT 351 or equivalent or consent of the instructor.

354 NONPARAMETRIC STATISTICS

3 sem. hrs.

Order statistics, run test, goodness-of-fit tests, rank test, sign test, two-sample tests, and nonparametric measures of dependence. Prerequisite: Grade of C or better in MAT 351 or equivalent or consent of the instructor.

356 STATISTICAL COMPUTING

4 sem. hrs.

Application of SAS and SPSS programs to real data emphasizing regression, and analysis of variance. Prerequisites: Grade of C or better in 2 statistics courses; some facility with matrices.

361 TOPICS IN DISCRETE MATHEMATICS

2-4 sem. hrs.

Study of selected areas of discrete mathematics. May be repeated if content is different. Prerequisite: Grade of C or better in MAT 260 or consent of the instructor.

362 LINEAR OPTIMIZATION

4 sem. hrs.

Modeling and solution of problems using the simplex method. Duality, sensitivity, integer programming. Transportation problems. Formerly *LINEAR PROGRAMMING*. Prerequisite: Grade of C or better in MAT 175.

363 GRAPH THEORY

4 sem. hrs.

Introduction to graph theory, connectivity, matchings, coloring, network flows with applications. Prerequisite: Grade of C or better in MAT 260 or consent of the instructor.

380 ACTUARIAL MODELS I

4 sem. hrs.

Markov Processes. Survival distributions. Life tables. Life insurance, life annuities and pensions. Premiums and reserves. Applications of multiple states models. Prerequisites: Grade of B or better in MAT 280 and 350 or consent of the instructor.

381 ACTUARIAL MODELS II

4 sem. hrs.

Multiple lives. Multiple decrements. Models including expenses. Multiple state models. Universal life insurance. Prerequisite: Grade of B or better in MAT 380 or consent of the instructor.

383 ACTUARIAL MODELS III

4 sem. hrs.

Applications of stochastic processes to actuarial models. Arbitrage-free models. Valuation of derivative securities. Elements of financial risk management. Formerly *ACTUARIAL MODELS II*. Prerequisites: Grade of B or better in MAT 280 and 350 or consent of the instructor.

384 ACTUARIAL MODELING

4 sem. hrs.

Severity models. Frequency models. Aggregate loss models. Risk measures. Ruin theory. Survival models estimation. Parametric and nonparametric models estimation. Credibility theory. Simulation. Prerequisite: Grade of C or better in MAT 351 or consent of the instructor.

385 ACTUARIAL EXAM PREPARATION

1 sem. hr.

Study sessions to aid preparation for professional actuarial examinations. Consult the course offerings on the ISU website at IllinoisState.edu or the actuarial adviser for the topics and section to be offered during any given semester. Not for credit major or minor. MAT 385 not for credit if had MAT 147. Prerequisite: Consent of the instructor.

390 INDEPENDENT STUDY

1-3 sem. hrs.

PHILOSOPHY (PHI) 454

412 Stevenson Hall, (309) 438-7665
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Website: Philosophy.IllinoisState.edu
 Email: Philosophy@IllinoisState.edu

Chairperson: Tom Buller.

Tenured/Tenure-track Faculty:

Professors: Bailey, Buller.

Associate Professors: Anderson, Breyer, Horvath, Stewart.

Assistant Professors: Behrends, Kühle, Sanson, Schouten.

General Department Information

The Major in Philosophy is designed to provide a liberal arts core around which a student may build a program of courses to suit a wide variety of career opportunities or other goals. The Department encourages its students to work with a departmental advisor in selecting a minor, a second major, or a set of connected courses in various fields which will best combine with philosophical study to produce a program meeting their needs. Majors are encouraged to pursue undergraduate research and internship opportunities.

INTERDISCIPLINARY MINORS

The Department of Philosophy participates in a number of interdisciplinary minors at the University. Coursework offered by the Department contributes to the following minors: Cognitive Science, Peace and Conflict Resolution, and Women's and Gender Studies. For further information, please consult the Department advisor as well as the section entitled Interdisciplinary Studies Programs in this *Undergraduate Catalog*.

Philosophy Programs

Degrees Offered: B.A.

MAJOR IN PHILOSOPHY

- 33 total hours in Philosophy are required.
- A 2.00 cumulative GPA is required for retention in this major.
- Required courses (15 hours): PHI 112, 201, 232, 254, 255.
- Elective courses (18 hours):
 - At least one 3 hour elective course from two of the three groups, A, B, and C (6 hours):
 - Group A** - Non-Western Philosophy, Feminist Philosophy, Human Nature: PHI 202, 207, 208, 222, 224, 246.
 - Group B** - Mind, Science, Metaphysics, Epistemology: PHI 204, 205, 206, 250, 251, 253, 263.
 - Group C** - Ethics, Social and Political Philosophy: PHI 233, 234, 236, 238, 240, 242.
 - At least two elective courses (6 hours) at the 300-level: PHI 305, 310, 315, 330, 340, 350, 363.
 - At least two additional elective courses in Philosophy (6 hours) with no more than one course (3 hours) at the 100-level (PHI 101, 104, 105).

Majors are strongly discouraged from enrolling in more than two 300-level courses in one semester.

Concentrations: Philosophy majors may elect to take courses in one or more of the following areas of concentration, depending on individual interests.

(NOTE: A concentration is not required and will not appear on the student's transcript or diploma.)

Pre-law: PHI 234, 236, 238, 240, 242, 246.

Ethics: PHI 233, 234, 236, 330.

Metaphysics and Epistemology: PHI 204, 205, 206, 207, 208, 222, 224, 250, 251, 253, 263, 310, 315, 363.

History of Philosophy: PHI 207, 208, 254, 255, 305, 350.

MINOR IN PHILOSOPHY

- 18 hours in Philosophy required.
- Required Philosophy courses by area: **Logic:** PHI 112 or MAT/PHI 210; **History of Philosophy:** PHI 254 and 255; at least 9 additional hours in Philosophy.
- Not more than two 100-level courses may count toward the minor.

MINOR IN RELIGIOUS STUDIES

- 21 hours required, distributed as follows:
 - 6 hours from Group A.
 - 9 hours chosen from exactly 3 of the Groups B, C, D, and E. Courses listed as *Related Courses* may not be used to satisfy this requirement.
 - 6 additional hours from any of the Groups used to satisfy the above requirements. At most, 3 of these hours may be chosen from the courses listed as *Related Courses* for those Groups.

Students are advised to complete several courses from Groups B through E prior to enrolling in the courses of Group A, (other than HIS 270). Courses listed as *Related Courses* in the following Groups may be of interest to students even though at most one of these may be used to complete the requirements for the minor. Also note that no more than 9 hours from a student's major field of study may be used to satisfy the requirements of a minor.

Group A: HIS 270; IDS 254 (with advisor approval*); PHI 224; SOC 268.

Group B: ENG 250, 251; PHI 222.

Related Courses: ART 367, 369, 377; HIS 223, 225, 351.

Group C: HIS 271, 378

Related Courses: HIS 104A04; IDS 121A02.

Group D: HIS 269; PHI 207, 208.

Related Courses: HIS 104A02, 275, 276.

Group E: ART 275 (with advisor approval*); IDS 121A14; LAN 106.

Additional courses for various Groups: Specific offerings of the following courses may sometimes be placed into one of the above Groups by the Religious Studies Advisor,

depending on topic: ENG 352; IDS 121; 203; HIS 307.

*Topics in ART 275 and IDS 254 may vary. See the Religious Studies advisor to verify how a specific offering of these courses will count in the Minor.

Philosophy Courses

Freshmen wishing to select a Philosophy course normally should enroll in a 100-level course. Courses at the 300-level presuppose at least the level of sophistication that the successful completion of one or more lower-level courses in Philosophy would demonstrate.

101 BASIC ISSUES IN PHILOSOPHY H 3 sem. hrs.

An introduction to central philosophical issues, e.g., knowledge, reality, freedom, God, and morality.

104 THE IDEAL OF DEMOCRACY ICL 3 sem. hrs.

Critical examination of the nature and moral justification of democracy, particularly as it is practiced in the United States. May not be taken under the P/NP option.

112 LANGUAGE, LOGIC AND MATHEMATICS QR 3 sem. hrs.

Using modern logic to understand basic mathematical concepts (such as function and proof) as well as complementary concepts outside mathematics (such as demonstration and explanation). May not be taken under the P/NP option.

150 SCIENCE AND HUMAN CULTURE H 3 sem. hrs.

Examination of the dynamic interrelationship between human culture and the scientific methodologies used to study it; how culture both shapes and is shaped by science.

201 INTRODUCTION TO METAPHYSICS AND EPISTEMOLOGY 3 sem. hrs.

Introduction to contemporary issues in metaphysics and epistemology and related issues in philosophy of mind and language.

202 SEX, VALUES, AND HUMAN NATURE H 3 sem. hrs.

Investigation of competing views about the nature of human sexuality, and their moral and social consequences. Prerequisites: COM 110 and ENG 101.

204 PHILOSOPHY OF MIND 3 sem. hrs.

An examination of the mind/body problem, consciousness, self-knowledge, mental content, mental causation, personal identity and agency.

205 PHILOSOPHY OF LANGUAGE 3 sem. hrs.

An introduction to contemporary work in the philosophy of language: What is meaning? What is truth? How do we communicate?

206 METAPHYSICS 3 sem. hrs.

Introduction to contemporary metaphysics, exploring issues of existence and reality, similarity and identity, possibility and necessity, space and time.

207 INDIAN PHILOSOPHY 3 sem. hrs.

Major Indian philosophical issues and theories and their contribution to Indian religion and culture; Hindu systems and the early Buddhist challenge.

208 BUDDHIST PHILOSOPHY 3 sem. hrs.

Origins and development of Buddhist philosophy; East Asian transformation (including Zen).

210 SYMBOLIC LOGIC I 3 sem. hrs.

Introduction to proof theory. Formal deductive systems, especially propositional logic and predicate logic. Properties of deductive systems, such as consistency and completeness. Also offered as MAT 210. Prerequisites: 1 year each high school algebra and high school geometry.

222 PHILOSOPHY AND CHRISTIAN THEOLOGY 3 sem. hrs.

Philosophical examination of selected central ideas in Christianity, such as the incarnation, the trinity, sin, salvation, and ethics. Standard philosophical methodologies will be employed.

224 MEANING AND RELIGIOUS BELIEF H 3 sem. hrs.

Interdisciplinary examination of religion, emphasizing the character and evaluation of religious world views and their connections to mythologies, ethics, and ethos. Prerequisites: COM 110 and ENG 101.

232 INTRODUCTION TO ETHICS 3 sem. hrs.

An introduction to ethics, including utilitarian, deontological, and virtue theories. Skills associated with analytical reading and writing are emphasized. Formerly *CLASSICAL WESTERN MORAL THEORIES*.

233 CONTEMPORARY WESTERN MORAL THEORIES 3 sem. hrs.

A survey of important thinkers and developments in twentieth-century moral philosophy. Problems and theories discussed concern values and right conduct.

234 BUSINESS ETHICS 3 sem. hrs.

A philosophical examination of selected ethical issues in business practice including discussions of case material, such as personnel management, advertising, labor-management relations, and corporate responsibility.

236 VALUES AND THE ENVIRONMENT 3 sem. hrs.

Philosophical examination of selected moral and social issues involving humans, nonhumans, and the environment, e.g., animal rights, resource distribution, environmental racism.

238 RIGHTS AND WRONGS H
3 sem. hrs.

Interdisciplinary approach to the analysis of moral and social issues in relation to the cultural contexts in which they arise. Prerequisites: COM 110 and ENG 101.

240 POLITICAL PHILOSOPHY
3 sem. hrs.

Discussion of traditional and contemporary issues, e.g., human rights, theories of justice, Marxism, civil disobedience, punishment, and the end and limit of government. Prerequisite: Grade of C or better in 1 PHI course or 2.50 overall GPA recommended.

246 FEMINIST PHILOSOPHIES
3 sem. hrs.

Survey and critical examination of a variety of feminist contributions to philosophical topics such as gender, oppression, ethics, and epistemology.

250 PHILOSOPHY OF SCIENCE
3 sem. hrs.

The nature of scientific theories, methods, reasoning, hypotheses, laws, and explanations.

251 VISIONS OF THE SELF: A STUDY OF MINDS AND PERSONS H
3 sem. hrs.

Study of mind and self, drawing on insights from literature, philosophy, psychology, ethics, medicine, and artificial intelligence. Prerequisites: COM 110 and ENG 101.

253 PHILOSOPHY AND THE BEHAVIORAL SCIENCES
3 sem. hrs.

Philosophical issues raised by and relevant to the scientific study of human behavior.

254 ANCIENT PHILOSOPHY
3 sem. hrs.

This course introduces students to Ancient Greek and Roman Philosophy, focusing on reality, knowledge, the self, and the good life. Formerly *ANCIENT AND MEDIEVAL PHILOSOPHY*.

255 MODERN PHILOSOPHY
3 sem. hrs.

Classic western philosophical ideas of the 17th and 18th centuries. Hobbes, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant. Prerequisite: Grade of C or better in 1 PHI course or 2.50 overall GPA recommended.

263 THEORY OF KNOWLEDGE
3 sem. hrs.

What is knowledge? What makes a belief rational? Do we know anything? A historical introduction to contemporary epistemology. Prerequisite: Grade of C or better in at least one philosophy course recommended.

298 PROFESSIONAL PRACTICE: INTERNSHIP IN APPLIED PHILOSOPHY
1-12 sem. hrs.

Planned, supervised experience in a governmental or community organization providing experience in applying philosophical theory to current social or scientific problems. Maximum 3 hours toward PHI major/minor. Prerequisites: 3 PHI courses, including at least 1 at the 200- or 300-level. 2.50 GPA in PHI courses. Complete department application procedure. Consent of the department chair.

305 TOPICS IN CONTEMPORARY PHILOSOPHY
3 sem. hrs.

Focuses on a topic or topics in contemporary philosophy, or on major figures in recent philosophy. May be repeated for credit if topic is different. Formerly *TOPICS IN 20TH CENTURY PHILOSOPHY*. Prerequisites: PHI 201 and 232.

310 TOPICS IN PHILOSOPHY OF SCIENCE
3 sem. hrs.

Examination of topics in philosophy of natural, behavioral, and/or social sciences, e.g., scientific explanation, evidence, methodology, progress, universality, normativity, testability. May be repeated for credit if topic is different. Prerequisite: PHI 201.

315 TOPICS IN MIND AND LANGUAGE
3 sem. hrs.

Exploration of a topic within the philosophy of mind and/or language (e.g., consciousness, realism/antirealism, truth and meaning). May be repeated for credit if topic is different. Formerly *TOPICS IN PHILOSOPHY, SCIENCE, AND MIND*. Prerequisite: PHI 201.

330 TOPICS IN MORAL THEORY
3 sem. hrs.

Examination of fundamental issues in moral philosophy, e.g., possibility of moral knowledge, justification of value judgments, nature of moral responsibility. May be repeated for credit if topic is different. Prerequisite: PHI 232.

340 TOPICS IN LEGAL AND POLITICAL PHILOSOPHY
3 sem. hrs.

Intensive examination of selected topics in social, political, and legal philosophy, e.g., liberty, justice, rights, equality, community, democracy, political obligation. May be repeated for credit if topic is different. Prerequisite: PHI 232.

340A01 TOPICS IN LEGAL AND POLITICAL PHILOSOPHY: GENDER, EQUALITY, AND THE STATE
3 sem. hrs.

This course will examine gendered division of labor and what role government should or should not play; examine contemporary state of gendered labor; examine theoretical accounts of gender justice; and consider several proposals for political intervention to make society more gender just.

350 TOPICS IN THE HISTORY OF PHILOSOPHY
3 sem. hrs.

Intensive examination of an important figure, movement, or theme in the history of philosophy, e.g. Plato, British Empiricism, freewill/determinism. May be repeated for credit if topic is different. Contact the Department for availability of the following topics. Prerequisites: PHI 254 and 255.

350A01 TOPICS IN THE HISTORY OF PHILOSOPHY: KANT
3 sem. hrs.

This course is intended to provide students an opportunity for deeper study of the work of Immanuel Kant. The course will mainly concentrate on his work in metaphysics and epistemology on the one hand and moral theory on the other.

**350A13 TOPICS IN THE HISTORY OF
PHILOSOPHY: DAVID HUME'S
PHILOSOPHICAL LEGACY**

3 sem. hrs.

A close examination of the important sections of Hume's seminal *A Treatise of Human Nature* along with an examination of the current philosophical significance of Hume's ideas about, e.g., causation and ethical sentimentalism.

**350A14 TOPICS IN THE HISTORY OF
PHILOSOPHY: PLATO**

3 sem. hrs.

This course will presume a beginning general knowledge of Plato's main contributions to metaphysics and axiology. Following a refresher on the middle books of the *Republic* the course will cover more deeply some of Plato's most important middle and later dialogues.

**363 TOPICS IN METAPHYSICS
AND EPISTEMOLOGY**

3 sem. hrs.

Detailed examination of selected issues in contemporary metaphysics and epistemology. May be repeated for credit if topic is different. Prerequisite: PHI 201.

390 INDEPENDENT STUDY

1-3 sem. hrs.

Prerequisites: 1 PHI course; consent of the instructor and department chair.

PHYSICS (PHY)**456**

311 Moulton Hall, (309) 438-8756

Website: Physics.IllinoisState.eduEmail: info@physics.IllinoisState.edu

Chairperson: Daniel Holland.

Tenured/Tenure-track Faculty:*Distinguished Professors:* Grobe, Su.*Professors:* Holland, Martin, Rosa.*Associate Professors:* Marx, Rutherford.*Assistant Professors:* Bergfield, Christensen, Harris, Rosenblatt.**General Department Information**

The Physics Major sequences at Illinois State University are sufficiently flexible to serve the needs of students with any of the following goals: (1) government or industrial research and development, (2) graduate study in Physics, or an allied field such as Engineering, (3) high school Physics/Science teaching, or (4) professional study in intellectual property law, patent law, or medicine.

Physics Programs

Degrees Offered: B.S.

MAJOR IN PHYSICS**Physics Sequence:**

- 52 hours required.
- 44 hours in Physics required.
- Required courses: PHY 107, 110, 111, 112, 217, 220, 240, 270, 284, 307, 325, 340, 370, 384; 6 additional hours of 300-level Physics courses chosen from: PHY 320, 330, 355, 375, 380, and 387. NOTE: PHY 375 may be substituted for PHY 370.
- CHE 140 and 141 are required for the major. (3 hours of CHE 140 also count toward Natural Science Alternative (NSA) General Education requirements.)

Computer Physics Sequence:

- 47 hours required.
- 44 hours in Physics are required.
- Required courses: IT 254; PHY 107, 110, 111, 112, 217, 220, 240, 270, 284, 307, 318, 325, 388, 390; 6 additional hours of 300-level Physics courses of which at least 1 course must be chosen from PHY 320, 340 and 384; Computer Physics majors should take Natural Science Alternative (NSA) General Education courses.

Engineering Physics Program with University of Illinois (or Other Approved Engineering University):

- 53 hours required.
- 45 hours in Physics and Engineering required.
- Required courses: PHY 107, 110, 111, 112, 217, 220,

240, 270, 284, 307; 17 additional hours of approved upper division courses transferred from the chosen engineering university.

- CHE 140 and 141 are also required. (3 hours of CHE 140 also count toward (NSA) General Education requirements.)

Physics Teacher Education Sequence:

- 77 total hours required.
- 40 hours in Physics required. Part of entitlement program leading to the science professional educator license with secondary 9-12 endorsement.
- Required courses: PHY 107, 110, 111, 112, 205, 209, 217, 220, 270, 302, 307, 310, 311, 312 and 353. Majors must also take either PHY 240 or 284.
- Supporting courses required (15 hours): BSC 101; CHE 140 and 141; and GEO 100 (BSC 101 and 3 hours of CHE 140 also count toward General Education requirements).
- Professional Education requirements (22 hours): EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219; STT 399A72 Student Teaching (8 hours).

MINOR IN PHYSICS

- 23 hours in Physics required.
- Required courses: PHY 110, 111, 112; 11 additional hours of electives from 200- or 300-level Physics courses.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of a having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The fol-

lowing legend relates to the type and kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Physics Courses

102 ATOMS TO GALAXIES NS 3 sem. hrs.

Concepts, history, and methodology of physical ideas such as motion, thermodynamics, electromagnetism, quanta, and relativity with interrelationships and applications. Lecture and lab. May not be taken under the P/NP option. Not for credit major or minor or if had PHY 105, 108, or 110.

105 FUNDAMENTALS OF PHYSICS NSA 4 sem. hrs.

Concepts and principles of mechanics, heat, wave motion, electricity, magnetism, and light. Applications to everyday life. Lecture and lab. Intended for students not majoring or minoring in the physical sciences. May not be taken under the P/NP option. Not for credit if had PHY 108, 110 or equivalent.

107 FRONTIERS OF PHYSICS 1 sem. hr.

Introduction to computational and graphical techniques, technical communication skills, and contemporary topics in physics and related fields.

108 COLLEGE PHYSICS I NSA 5 sem. hrs.

Basic principles of mechanics, wave motion, sound and heat, developed with algebra. Includes diverse scientific and technological applications. Lecture and lab. May not be taken under the P/NP option. Not for credit if had PHY 110 or equivalent. Prerequisite: 2 years of high school algebra or equivalent.

109 COLLEGE PHYSICS II 5 sem. hrs.

Electrostatics, electrical currents, magnetism, light and optical instruments, quantum, atomic, and nuclear physics, special relativity. Continuation of PHY 108. Lecture and lab. Not for credit if had PHY 111 or equivalent. Prerequisite: PHY 108 or 110.

110 PHYSICS FOR SCIENCE AND ENGINEERING I NSA 4 sem. hrs.

Basic principles of mechanics, wave motion, and sound, developed with calculus. Includes diverse scientific and technological applications. Lecture and lab. May not be taken under the P/NP option. Not for credit if had PHY 108 or equivalent. Materials charge optional. Prerequisite: MAT 145 or concurrent registration.

111 PHYSICS FOR SCIENCE AND ENGINEERING II 4 sem. hrs.

Electrostatics, electrical current and circuits, magnetism, Faraday's Law, electromagnetic waves, optics. Continuation of PHY 110. Lecture and recitation. Lab (every other week). Not for credit if had PHY 109 or equivalent. Materials charge optional. Prerequisites: PHY 110; MAT 146 or concurrent registration.

112 PHYSICS FOR SCIENCE AND ENGINEERING III 4 sem. hrs.

Thermodynamics, relativity, quantum theory, atomic and nuclear physics. Lecture, demonstrations, discussions, laboratory exercises, computer lab. Lecture and lab. Materials charge optional. Prerequisites: PHY 111; MAT 147 or concurrent registration.

117 NUMERICAL REASONING IN NATURE AND TECHNOLOGY QR 3 sem. hrs.

Logical, analytical, mathematical, and computational skills important to quantitative understanding of topics in nature and technology. May not be taken under the P/NP option. Prerequisites: MAT 113, 120, 130, or 145.

205 ORIGIN OF THE UNIVERSE SMT 3 sem. hrs.

Big Bang Theory; observational and theoretical basis for its development; the early universe; and connection between the universe and subatomic particles. Prerequisites: MAT 113, 120, 130, or 145 and PHY 102, 105, 108, or 110.

206 CHAOS AND COMPLEXITY SMT 3 sem. hrs.

Chaos and complexity science in historical/social context, strange attractors, fractals, and self-organization; diverse applications from weather forecasting to artificial life. Prerequisite: MAT 113, 120, 130, or 145.

207 ENERGY AND THE ENVIRONMENT SMT 3 sem. hrs.

Scientific, technological, political, and environmental aspects of energy production and use. Special emphasis on renewable energy sources and global climate change. Formerly *ENERGY AND CLIMATE CHANGE*. Prerequisite: MAT 113, 120, 130, or 145.

208 ASTRONOMY AND SPACE SCIENCE SMT 3 sem. hrs.

Survey of the solar system, stars, nebulae and galaxies, with the emphasis on physical processes and methods of analysis. Prerequisites: MAT 113, 120, 130 or 145 and PHY 102, 105, 108, or 110.

209 INTRODUCTION TO TEACHING HIGH SCHOOL PHYSICS 1 sem. hr.

A weekly seminar in which students exchange information and share reflections derived from clinical observations made in area high schools. Clinical Experience: 25 hours. Prerequisites: 10 hours in PHY. Physics Teacher Education major or minor only.

218 Physics

211 STATICS

3 sem. hrs.

Force systems; equilibrium of two- and three-dimensional systems; trusses, frames, friction; centroids; moments of inertia; hydrostatic pressure; virtual work. Formerly PHY 152. Prerequisites: PHY 110 and MAT 147.

217 METHODS OF THEORETICAL PHYSICS

3 sem. hrs.

Mathematics applied to physics: multivariate calculus, vector and tensor analysis, curvilinear coordinates, complex numbers, differential equations, numerical methods. Prerequisites: PHY 111; MAT 147.

220 MECHANICS I

3 sem. hrs.

Newton's laws applied to the study of motion of point masses subjected to viscous, frictional, elastic, central, harmonic, interparticle, and conservative forces. Prerequisites: PHY 112 and MAT 147.

240 ELECTRICITY AND MAGNETISM I

3 sem. hrs.

Electrostatic fields and potentials in vacuum, Gauss' law, electrostatics of dielectrics, magnetostatics, Biot-Savart, Ampere, and Faraday laws, magnetic induction, magnetic materials, and Maxwell's equations. Prerequisite: PHY 217.

270 EXPERIMENTAL PHYSICS

2 sem. hrs.

Experiments that demonstrate principles of physics. Emphasis on experimental techniques, laboratory practices, data analysis, and the quality of written reports. Prerequisites: PHY 112 and 220.

284 QUANTUM MECHANICS I

3 sem. hrs.

Blackbody radiation, photoelectric effect, wave-particle duality, uncertainty principles, Schrodinger equation, probability amplitudes, one-dimensional potentials, hydrogen atom. Prerequisites: PHY 112 and MAT 175. PHY 217 or concurrent registration.

290 RESEARCH IN PHYSICS

1-3 sem. hrs.

An introduction to the scientific discovery process through participation in a departmental research program. 3 hours conference, lab or library research per week for each hour of credit. May be repeated; maximum 3 hours. Prerequisite: Completion of 20 hours of Physics.

298 PROFESSIONAL PRACTICE IN PHYSICS

1-16 sem. hrs.

**302 COMPUTER APPLICATIONS
IN HIGH SCHOOL PHYSICS**

1 sem. hr.

Applications of computers in teaching of high school physics. Prerequisite: PHY 209 or concurrent registration.

307 SEMINAR IN PHYSICS

1 sem. hr.

Introduction to Physics literature searching and techniques of oral and written scientific communication, focusing on current topics in Physics. May be repeated for credit; maximum of 2 hours. Prerequisite: PHY 112.

**310 READINGS FOR TEACHING
HIGH SCHOOL PHYSICS**

3 sem. hrs.

Essential background readings for teaching high school physics that center around developing scientific literacy in students. Prerequisite: 10 hours in Physics.

311 TEACHING HIGH SCHOOL PHYSICS

3 sem. hrs.

Strategies, curricula, and resources for the teaching of high school physics. Application of knowledge of physics, adolescent psychology, and pedagogical theory to secondary teaching. Includes Clinical Experience: 10 hours. Prerequisites: 18 hours in Physics; PHY 310; Grade of C or better in TCH 216 or concurrent registration.

**312 PHYSICS TEACHING FROM THE
HISTORICAL PERSPECTIVE**

3 sem. hrs.

Overview of the development of classical scientific thought relating to physical phenomena with applications to pedagogy. Prerequisites: Completion of 20 hours in Physics. Admission to Professional Studies.

**318 METHODS OF COMPUTATIONAL
SCIENCE**

3 sem. hrs.

Introduction to a wide variety of computational techniques and their application to problems in chemistry and physics. Also offered as CHE 318. Prerequisites: IT 165; CHE 140; PHY 109 or 111; CHE 360 or PHY 220 or concurrent registration; or consent of the instructor.

320 MECHANICS II

3 sem. hrs.

Coordinate transformations, nonlinear oscillations, Hamilton's Principle, Lagrangian and Hamiltonian mechanics, rigid body motion. Prerequisites: PHY 220 and MAT 340.

325 THERMAL PHYSICS

3 sem. hrs.

Thermodynamics, kinetic theory, and statistical mechanics with discussion on phase transitions and critical phenomena. Prerequisite: PHY 284.

330 OPTICAL PHYSICS

3 sem. hrs.

Optical systems, electromagnetic waves, interference and diffraction, quantum optics. Prerequisite: PHY 240.

340 ELECTRICITY AND MAGNETISM II

3 sem. hrs.

Electrostatic boundary value problems; Maxwell's equations; polarization, reflection, and transmission of electromagnetic waves, waveguides; electromagnetic radiation, fundamentals of antenna theory, relativistic electromagnetism. Prerequisites: PHY 240 and MAT 340.

353 STUDENT TEACHING SEMINAR

1 sem. hr.

A seminar through which students exchange information, share reflections, and document observations and activities prior to and during student teaching. Clinical Experience: 15 hours. Prerequisite: Consent of the instructor.

355 SOLID STATE PHYSICS**3 sem. hrs.**

Crystal structures, X-ray and electron diffraction, lattice vibrations and thermal properties, binding energy, conduction of electrons, band theory, dielectric and magnetic properties, defects, metals, semiconductors, and insulators. Prerequisite: PHY 325.

370 ADVANCED EXPERIMENTAL PHYSICS**1 sem. hr.**

Advanced projects in experimental physics. Emphasis on experiment design and execution, advanced experimental techniques, oral presentation, and written reports. Prerequisite: PHY 270.

375 ELECTRONICS FOR SCIENTISTS**3 sem. hrs.**

DC and AC circuit analysis with an introduction to the electrical properties of semiconductors; theoretical and experimental analysis of semiconductor diode, transistor, and operational amplifier circuits. Lecture and lab. Prerequisite: PHY 111.

380 TOPICS IN CONTEMPORARY PHYSICS**1-3 sem. hrs.**

Recent developments in the fields of atomic, biomolecular, elementary particle, many-body, molecular, nonlinear, nuclear, plasma, and solid-state physics. May be repeated. Prerequisites: Senior standing only. Consent of the instructor.

**380A03 TOPICS IN CONTEMPORARY PHYSICS:
NONLINEAR DYNAMICS****1-3 sem. hrs.**

Recent developments in the field of nonlinear dynamics. Prerequisites: Senior standing only. Consent of the instructor.

**380A80 TOPICS IN CONTEMPORARY PHYSICS:
BIOPHYSICS OF NEUROLOGICAL SYSTEMS****3 sem. hrs.**

Biophysical principles of cell signaling and communication, including mathematical modeling, computer simulations and hands-on lab activities. Prerequisites: Completion of 75 hours. Consent of the instructor.

384 QUANTUM MECHANICS II**3 sem. hrs.**

Operator formalism, Dirac bra and ket notation, angular momentum, perturbation theory, applications to laser physics. Prerequisites: PHY 284 and MAT 340.

387 METHODS OF MATHEMATICAL PHYSICS**3 sem. hrs.**

Finite- and infinite-dimensional vector spaces, matrices and determinants, Fourier analysis, complex analysis, differential equations. Emphasis on physical applications. Prerequisites: PHY 240 and MAT 340 or concurrent registration.

388 ADVANCED COMPUTATIONAL PHYSICS**3 sem. hrs.**

Application of computational methods to contemporary topics in physics, including nonlinear classical and quantum dynamics or physical problems that involve many degrees of freedom. Prerequisites: PHY 220, 240, 284, and 318 or consent of the instructor.

**390 COMPUTATIONAL RESEARCH
IN PHYSICS****1-2 sem. hrs.**

Independent computational project in physics. Prerequisite: PHY 388.

POLITICS AND GOVERNMENT (POL) 460

401 Schroeder Hall, (309) 438-8638

Website: POL.IllinoisState.edu

Chairperson: Ali Riaz.

Tenured/Tenure-track Faculty:

Professors: Crothers, Lind, Parodi, Riaz, Wang, Webber-Collins,

Associate Professors: Cox, McClure, Ndiaye, Riverstone-Newell, Sarfati, Shapiro, Shawi.

Assistant Professors: Aideyan, Leonard, Milita, Palmer, Puckett, Singh, Zigerell.

General Department Information

The Department of Politics and Government provides students with a program that offers a broad liberal education and at the same time provides opportunities to begin a specialized concentration in one area of the discipline. The study of political science leads into careers in law and para-legal services; local, state, and federal governments and not-for-profit agencies; international public and private organizations; teaching and research; and in the private sector-especially government-related activities of business. Career information, including career-related courses offered by other departments, is available from the Department's undergraduate and pre-law advisors. Teacher Education students fulfill Professional Education requirements through the Social Sciences program.

INTERDISCIPLINARY MINORS

The Department of Politics and Government participates in a number of interdisciplinary minors at the University. Coursework offered by the Department contributes to the following minors: African-American Studies, African Studies, Civic Engagement and Responsibility Studies, Ethnic Studies, European Studies, International Studies, Latin American and Latino/a Studies, Middle Eastern and South Asian Studies, Peace and Conflict Resolution Studies, Urban Studies, and Women's and Gender Studies. For further information on any of these minors and their advisors, please consult the Interdisciplinary Studies Programs section in this *Undergraduate Catalog*.

HONORS IN POLITICS AND GOVERNMENT

Students majoring or minoring in Political Science may be admitted to the Departmental Honors Program if they have: (1) completed at least 30 semester hours of college- or university-level courses, including at least 2 Political Science courses; (2) a minimum of 3 semesters remaining before graduation; (3) a cumulative GPA of 3.30; (4) one letter of recommendation submitted by a Politics and Government faculty member to the undergraduate advisor; (5) membership in the University Honors Program; and (6) admission approval from the Departmental Honors Advisor.

In order to graduate with honors in Politics and Government a student must complete: (1) all regular requirements for the Political Science Major; (2) 3 hours of in-course honors; (3) 3 hours in POL 302: Honors Seminar; (4) 3 hours of POL 299: Honors Independent Study; and (5) have a major GPA of at least 3.50.

Any student admitted to the University Honors Program may earn honors credit by completing the honors requirements of either a designated honors course or of a course offering an in-course honors option. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Politics and Government Programs

Degrees Offered: B.A., B.S.

MAJOR IN POLITICAL SCIENCE

- 40 hours in Politics and Government including at least 12 hours at the 200-level and at least 6 hours at the 300-level.
- Required courses: POL 100, 106, 138; either 140 or 141 either 150 or 151, 161, 296 and POL 398A01 or Legal Studies (LGS) 398A20 (minimum of 3 credit hours).
- POL 398A01 or LGS 398A20 may be substituted with an approved overseas academic experience (Study Abroad) *or* university sponsored academic experience (must be credit generating) *or* consent of the department chair.
- A maximum of 6 hours in POL 398A01 and LGS 398A20 may count toward a Political Science major.
- It is recommended that Political Science majors enroll in POL 100 in their first semester of study and in POL 106 in their second semester of study. Transfer students wishing to complete the major are recommended to enroll in POL 100 and 106 in their first year at Illinois State University if they have not already had equivalent courses.

Concentrations:

The major in Political Science allows students the unique opportunity to tailor their electives to complement their career goals. Political Science majors may choose (but are not required) one of the following concentrations. These concentrations are suggestions only and do not require strict obedience.

American Politics: POL 213, 214, 217, 218, 220, 221, 222, 225, 310, 312, 317.

Comparative Politics: POL 240, 242, 245, 246, 247, 340, 341, 344, 345, 349.

International Relations: POL 251, 252, 254, 255, 351, 352, 358.

Public Law: LGS 216; POL 215, 266, 318, 324, 325, 326, 327.

Public Policy: POL 231, 232, 236, 330, 331, 333, 334, 335.

Political Theory: POL 261, 262, 265, 266, 337, 338, 339, 361, 363.

MINOR IN POLITICAL SCIENCE

- 18 hours required in Politics and Government.
- Required courses: POL 100 and any 15 hours in Politics and Government.
- A maximum of 3 hours in POL 398A01 and LGS 398A20 may count toward a Political Science minor.
NOTE: POL 398A01 or LGS 398A20 are not required for the minor.

Legal Studies Program

The Legal Studies curriculum is an American Bar Association approved paralegal educational program. It is designed to prepare students for a career as a paralegal in public and private law offices, corporate law departments, and government agencies. Students learn how to communicate effectively with both lawyers and laymen. When acting under an attorney’s supervision, a trained paralegal can perform many law-related tasks although they do not give legal advice to clients, set fees or represent clients in court. Paralegals may not provide legal services directly to the public except as permitted by law.

Admission to the Legal Studies major is limited and based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission, and the application process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

In order to gain admission into the Legal Studies minor, a student must have completed at least two (2) Legal Studies courses (one of which must be LGS 201); and must have earned a cumulative GPA of at least 2.50 in those two Legal Studies courses. For further information contact the Department of Politics and Government.

MAJOR IN LEGAL STUDIES

Degrees Offered: B.A., B.S.

- 40 hours in Legal Studies, required Politics and Government courses and approved electives.
- Required core courses: LGS 201, 203, 204, 370, 371, and 398A20 (3 hours); POL 106, 296.
- POL 398A20 may be substituted with one of the Legal Studies elective courses with consent of either the Department Chair or the Director of Legal Studies.
- Eighteen (18) hours in elective courses (9 hours must be Legal Studies electives) from the following:
Legal Studies Electives: LGS 216, 314, 319, 322, 360, 372.
Politics and Government Electives: POL 212, 215, 283, 293A03, 318, 324, 325, 326, 327.
Other Electives: CJS 206, 215, 305; ENG 248; GEO 312; HIS 253; PHI 242, 340; SOC 365, 367; or other law-related courses specifically approved by the Director of Legal Studies.
- A maximum of six (6) hours in LGS 398A20 may count toward a Legal Studies major.

- It is recommended that Legal Studies majors enroll in POL 106 in their first year of study. Transfer students wishing to complete the major are recommended to enroll in POL 106 in their first year at Illinois State University if they have not already had an equivalent course.

MINOR IN LEGAL STUDIES

- 24 hours required.
- Required courses (15 hours): LGS 201, 203, 204, 370, 371.
- 9 hours selected from the following Legal Studies specialty courses: LGS 216, 314, 319, 322, 360, 372, 398A20.
A maximum of 6 credits of internship can be counted toward fulfilling the Legal Studies requirements. Additional hours of internship may be taken for credit as University electives.
- **NOTE:** Only Legal Studies courses with a grade of C or better can count toward the minor.

Politics and Government Courses (POL)

Students should consult the Department advisor to learn which selected studies (189, 289, 389) courses may satisfy major requirements; this would include Politics and Government SENIOR SEMINAR, which counts toward fulfilling the 300-level hours requirement.

**100 INTRODUCTION TO POLITICS
3 sem. hrs.**

Introduction to the concepts, terms, theories, and methods used in the discipline of political science. Prerequisite: Major or minor only.

**101 CITIZENS AND GOVERNANCE ICL
3 sem. hrs.**

Examination of the nature and purpose of government, the rights and responsibilities of citizenship, and the impact of societal cleavages. May not be taken under the P/NP option. Not for major credit.

**106 U.S. GOVERNMENT AND CIVIC PRACTICES ICL
3 sem. hrs.**

Examines the sources and effects of practices and institutions of participation, influence and cleavages in United States politics. May not be taken under the P/NP option. Not for credit if had POL 105.

**138 QUANTITATIVE REASONING IN POLITICAL SCIENCE QR
3 sem. hrs.**

Uses a classroom laboratory approach to develop skills in statistical reasoning and method. May not be taken under the P/NP option. Not for credit if had ECO 138; GEO 138; or MQM 100. Prerequisite: MAT 113, 120, 130 or 145 or consent of the instructor.

**140 INTRODUCTION TO THE POLITICS OF AFRICA, ASIA, AND LATIN AMERICA SS
3 sem. hrs.**

Overview of the politics and cultures of the peoples and countries of Africa, Asia, and Latin America.

222 Politics and Government

150 INTRODUCTION TO U.S. FOREIGN POLICY
3 sem. hrs.

The formulation, implementation, and content of United States foreign policy.

151 INTRODUCTION TO INTERNATIONAL RELATIONS
3 sem. hrs.

Survey and critical assessment of the modern international system, including state and non-state actors and major transnational issues.

161 INTRODUCTION TO POLITICAL THEORY
3 sem. hrs.

Critical consideration of basic political questions such as the nature of the state, civic order, and forms of government. Formerly *INTRODUCTION TO POLITICAL THINKING*.

212 THE POLITICS OF LEGAL DECISION MAKING
3 sem. hrs.

Examines the influence of political factors on the decision making engaged in by actors in the United States legal system. Prerequisite: POL 105 or 106 or consent of the instructor.

213 U.S. CONGRESSIONAL POLITICS
3 sem. hrs.

Major congressional institutions and proposals for their reform. Prerequisite: POL 100, 105, or 106 or consent of the instructor.

214 U.S. POLITICAL PARTIES
3 sem. hrs.

Study of roles, functions, effects, and consequences of political parties and interest groups in the United States. Formerly *U.S. PARTIES AND INTEREST GROUPS*. Prerequisite: POL 100, 105, or 106 or consent of the instructor.

215 U.S. JUDICIAL PROCESS
3 sem. hrs.

Introduction to the major elements of the judicial system: police, lawyers, juries, and judges. Concentrates on organization and behavior. Prerequisite: POL 100, 105, or 106 or consent of the instructor.

217 U.S. PRESIDENCY
3 sem. hrs.

The presidency is examined pre-eminently as an office of political influence, decision-making, and policy implementation. Prerequisite: POL 100, 105, or 106 or consent of the instructor.

218 POLITICAL LEADERSHIP
3 sem. hrs.

An examination of leader roles, powers, and ethics in institutional and non-institutional settings in the political system broadly conceived. Prerequisite: POL 100 or 105 or 106 or consent of the instructor.

220 CAMPAIGN POLITICS
3 sem. hrs.

Consideration of campaign planning, management, and activities through reading, discussion, and supervised student campaign participation. Ordinarily scheduled to coincide with federal primary and general election years. Prerequisites: POL 100, 105, or 106 or consent of the instructor. POL 214 recommended.

221 U.S. STATE AND LOCAL GOVERNMENTS
3 sem. hrs.

Structures and functions of state and local governments. Includes discussion of comparative state and local politics and policy outputs. Prerequisite: POL 100, 105, or 106 or consent of the instructor.

222 URBAN POLITICS AND PROBLEMS
3 sem. hrs.

A systems analysis of the processes and interactions of the environmental, social, economic, and power components of metropolitan political systems. Formerly *METROPOLITAN POLITICS AND PROBLEMS*. Prerequisite: POL 100, 105, or 106 or consent of the instructor.

225 WOMEN IN POLITICS
3 sem. hrs.

The study of the role of women in the political process. Prerequisites: 45 semester hours or consent of the instructor. POL 100, 105, or 106 recommended.

231 PUBLIC ADMINISTRATION
3 sem. hrs.

Mission, structure, function, politics, and public policy development of public administration, including parameters of public finance and personnel. Prerequisite: POL 100, 105, or 106 or consent of the instructor.

232 POLITICS AND PUBLIC POLICY
3 sem. hrs.

Introduction to the political processes of public policy formation, including theories, and an analysis and evaluation of selected policy areas. Prerequisite: POL 100, 105, or 106 or consent of the instructor.

236 ENVIRONMENTAL POLITICS AND POLICY
3 sem. hrs.

An examination of the development and implementation of government policy on the environment. Prerequisite: POL 100, 105, or 106 or consent of the instructor.

240 LATIN AMERICAN POLITICS
3 sem. hrs.

Politics of development and regional integration in South and Central America, using selected countries as examples. Prerequisite: Completion of 45 hours or consent of the instructor. POL 140 is recommended.

241 EUROPEAN POLITICS
3 sem. hrs.

Comparative analysis of political systems and policies of European countries and the European Union. Prerequisite: Completion of 45 hours or consent of the instructor.

245 ASIAN POLITICS
3 sem. hrs.

Comparative analysis of the political systems and policies of Asian nations. Prerequisite: Completion of 45 hours or consent of the instructor. POL 140 is recommended.

246 AFRICAN POLITICS
3 sem. hrs.

Comparative analysis of African political systems, including such contemporary problems as the politics of race, nation building, and economic development. Prerequisites: Completion of 45 hours or consent of the instructor. POL 140 is recommended.

247 MIDDLE EASTERN POLITICS**3 sem. hrs.**

Comparative analysis of the political systems of selected Middle Eastern states and of region-wide issues including nationalism, revolution, and conflict. Prerequisites: Completion of 45 hours or consent of the instructor. POL 140 or recommended.

251 THEORIES AND CONCEPTS OF INTERNATIONAL RELATIONS**3 sem. hrs.**

Presentation of various approaches employed to study international politics, and an analysis of problems and prospects of the contemporary world. Prerequisites: Completion of 45 hours or consent of the instructor. POL 151 is recommended.

252 INTERNATIONAL ORGANIZATIONS**3 sem. hrs.**

Introduction to the role of international organizations in world affairs. Preparation for Model United Nations. Prerequisites: Completion of 45 hours or consent of the instructor. POL is 151 recommended.

254 GLOBAL ISSUES**3 sem. hrs.**

Transnational political interactions and behavior of global actors and their impact upon crucial socio-economic, technological, and cultural issues. Prerequisite: Completion of 45 hours or consent of the instructor. POL 151 is recommended.

255 INTERNATIONAL CONFLICT AND SECURITY**3 sem. hrs.**

An examination of the nature of conflict and security arrangements among nations and their international actors. Prerequisites: Completion of 45 hours or consent of the instructor. POL 151 is recommended.

261 CLASSICAL POLITICAL THEORY**3 sem. hrs.**

Introduction to the origin and development of inquiry about human life in political association with particular reference to ancient and medieval philosophers. Prerequisite: Completion of 45 hours or POL 161 or consent of the instructor.

262 MODERN POLITICAL THEORY**3 sem. hrs.**

Introduction to political theory emphasizing the intentions, methods, and concepts of selected thinkers from the 16th through the 20th centuries. Prerequisite: Completion of 45 hours or POL 161 or consent of the instructor.

265 AMERICAN POLITICAL THEORY**3 sem. hrs.**

Analysis and evaluation of major writings that proceed from, contribute to, or comment upon the American political experience. Prerequisite: Completion of 45 hours or POL 161 or consent of the instructor.

266 AMERICAN LEGAL THEORIES**3 sem. hrs.**

A theoretical overview of the legal component of political science with particular reference to policies and institutions in the American legal system. Prerequisite: Completion of 45 hours or POL 161 or consent of the instructor.

283 TRIAL ADVOCACY**3 sem. hrs.**

An introduction to fundamental techniques of trial advocacy in preparation for participation in intercollegiate mock trial competitions.

296 POLITICAL SCIENCE PROFESSIONAL DEVELOPMENT**1 sem. hr.**

Preparation for internship and post-collegiate experience that includes resume building, interview skills, and graduate school direction. Prerequisites: Completion of 60 credit hours. Major only.

300 SENIOR SEMINAR**3 sem. hrs.**

Intensive study of an announced area and the formulation of a comprehensive research paper. Prerequisites: POL major or minor and completion of 90 hours.

302 HONORS SEMINAR**3 sem. hrs.**

Intensive study of an announced area and formulation of a cumulative research paper. Not for credit if had POL 300. Prerequisites: Enroll in University Honors Program and either completion of 60 hours or consent of the instructor.

305 TOPICS IN AMERICAN GOVERNMENT**3 sem. hrs.**

Advanced topics covering specific topics in American Government. May be repeated if content is different; maximum of 6 hours. Prerequisites: POL 100, 106 and one of the following: POL 212, 213, 214, 215, 217, 218, 221, 222, 231, 232, 233, 236, or consent of the instructor.

310 VOTING AND ELECTIONS**3 sem. hrs.**

Intensive investigation of U.S. voting behavior and electoral process; includes instruction in analysis techniques. Prerequisites: Completion of 60 hours, POL 100, 106, or 138 or consent of the instructor.

312 PUBLIC OPINION**3 sem. hrs.**

Includes attention to social and psychological bases of public opinion, current trends, methods of measurement, and opinion-policy linkages. Prerequisites: Completion of 60 hours, POL 100, 106, or 138 or consent of the instructor.

317 U.S. POLITICS AND CULTURE AFTER VIETNAM**3 sem. hrs.**

Examination of the impact of the Vietnam War on contemporary U.S. politics. Prerequisites: Completion of 60 hours, POL 100, 106, or consent of the instructor.

318 ADMINISTRATIVE LAW**3 sem. hrs.**

An overview of topics such as legislative, executive, and judicial control of administrative actions, public and private access to information, the administrative hearing process and other due process concerns. Prerequisites: Completion of 60 hours or consent of the instructor. POL 215 recommended.

324 TOPICS IN PUBLIC LAW**3 sem. hrs.**

Selected topics focusing on specialized aspects of Public Law. May repeat if content is different. Prerequisites: Completion of 60 hours, POL 100, 106 or consent of the instructor. POL 215 is recommended.

325 CONSTITUTIONAL LAW: FUNCTIONS AND POWERS**3 sem. hrs.**

Major Supreme Court decisions on federalism, separation of powers, taxation, commerce, voting, and citizenship. Prerequisites: Completion of 60 hours or consent of the instructor. POL 215 is recommended.

326 CONSTITUTIONAL LAW: DUE PROCESS RIGHTS**3 sem. hrs.**

Major Supreme Court decisions involving both procedural and substantive due process rights. Prerequisites: Completion of 60 hours or consent of the instructor. POL 215 recommended.

327 CONSTITUTIONAL LAW: EQUALITY AND FREE EXPRESSION**3 sem. hrs.**

Major Supreme Court decisions involving discrimination, and freedom of speech, press, assembly, and religion. Prerequisites: Completion of 60 hours or consent of the instructor. POL 215 recommended.

330 PROBLEMS OF PUBLIC ADMINISTRATION**3 sem. hrs.**

Varied approaches to problems relevant to public policy, organization development, management, staff, or personnel concerns, and applied behavioral techniques. May be repeated if content is different. Prerequisite: POL 231 or consent of the instructor.

331 HUMAN RESOURCE MANAGEMENT**3 sem. hrs.**

The personnel process in American bureaucracy; matching the individual and the job; employer-employee relations; employee motivation; problems and prospects. Prerequisite: POL 231 or consent of the instructor.

333 POLITICS, BUDGETS, AND TAXES**3 sem. hrs.**

Meaning, significance, content, and evolution of governmental budgeting processes and reforms at all levels of government; political implications of fiscal reforms. Prerequisite: POL 231 or consent of the instructor.

334 THE POLITICS OF RACE, ETHNICITY AND INEQUALITY**3 sem. hrs.**

Analysis of contending theories and ideologies concerning the role of race and ethnicity in American politics and public policy. Prerequisites: POL 100, or 106 or consent of the instructor; POL 214, 231 or 232 or 327 recommended.

337 GAY AND LESBIAN POLITICS AND THEORY**3 sem. hrs.**

Explores LGBT (lesbian, gay, bisexual, and transgender) political movements in historical context and with reference to claims for citizenship. Formerly *LESBIAN AND GAY POLITICS*. Prerequisite: WGS 120 or POL 225 or consent of the instructor.

338 GENDER AND POLITICAL THEORY**3 sem. hrs.**

Examination of how gender shapes and is shaped by public policy formulation and implementation in different political and state contexts. Formerly *GENDER AND PUBLIC POLICY*. Prerequisite: WGS 120 or POL 225 or consent of the instructor.

339 PLAYGROUND TO POLITICS**3 sem. hrs.**

Explores Generation Y in politics, media, economic and education systems. Prerequisites: Completion of 60 hours or consent of the instructor. POL 161 recommended.

340 TOPICS IN LATIN AMERICAN POLITICS**3 sem. hrs.**

Selected topics focusing on specialized aspects of Latin American politics. May repeat if content is different. Prerequisite: Select 1 of the following: HIS 263; POL 140, 240, or consent of the instructor.

344 TOPICS IN GLOBAL STUDIES**3 sem. hrs.**

Intensive review and analysis of critical global problems and strategies for dealing with them. May repeat if content is different. Prerequisite: Select 1 of the following: POL 150, 151, 251, 252, 254, 255, or consent of the instructor.

345 TOPICS IN ASIAN POLITICS**3 sem. hrs.**

Selected topics focusing on specialized aspects of Asian politics. May repeat if content is different. Prerequisite: Select 1 of the following: HIS 373, 375, POL 140, 245, 255, or consent of the instructor.

349 TOPICS IN MIDDLE EAST POLITICS**3 sem. hrs.**

Selected topics focusing on specialized aspects of Middle East politics. May repeat if content is different. Prerequisite: Select 1 of the following: HIS 272, POL 140, 247, or consent of the instructor.

351 INTERNATIONAL LAW**3 sem. hrs.**

Political nature, legal principles, and juridical procedures and cases of contemporary international law. Prerequisite: Select 1 of the following: POL 151, 251, 252, 254, 255, or consent of the instructor.

352 HUMAN RIGHTS**3 sem. hrs.**

General overview of human rights: philosophical foundation, historical development, main documents, institutions, movements and campaigns. Prerequisite: POL 140, 151, 251, 252, 254 or 255, or consent of the instructor.

357 THE POLITICS OF MICROFINANCE**3 sem. hrs.**

Explores microfinance and its sociopolitical effect on gender empowerment and outreach to various ethnicities in need of economically sustainable support. Prerequisites: POL 140 or 141 and POL 150 or 151, or consent of the instructor.

358 INTERNATIONAL POLITICAL ECONOMY**3 sem. hrs.**

An analysis of the structures of political power in the international political economy. Prerequisite: Select 1 of the following: POL 151, 251, 252, 254, 255, or consent of the instructor.

361 TOPICS IN POLITICAL THEORY**3 sem. hrs.**

Selected advanced topics covering specific concepts or authors in political theory. May be repeated if content is different. Prerequisite: POL 100, 106, or 161, or completion of 60 semester hours, or consent of the instructor.

363 POLITICAL THEORIES**OF NONVIOLENCE****3 sem. hrs.**

Analysis of contending theories and approaches regarding nonviolence and civil disobedience. Prerequisites: POL 100, 106, 161, 261, 262, 265, or consent of the instructor.

**398A01 PROFESSIONAL PRACTICE:
PUBLIC SERVICE INTERNSHIP****1-16 sem. hrs.**

Planned, supervised experience in a governmental or community organization, providing on-the-job training and introduction to public service careers. Maximum 6 hours/POL major; maximum 3 hours/POL minor. Prerequisite: Complete department internship application procedure.

Legal Studies Courses (LGS)

The following courses are designed for the Legal Studies program. Except for LGS 201, 203, 204, and 398A20, these courses may not be counted for credit toward a Political Science major or minor. A maximum of 9 hours may be applied to a Political Science major or minor from Legal Studies courses.

201 INTRODUCTION TO LAW FOR PARALEGALS**3 sem. hrs.**

A paralegal specialty course that introduces students to basic legal concepts, and the role of paralegals/legal assistants in the American legal system. Prerequisite: Completion of 45 hours.

203 LEGAL RESEARCH I**3 sem. hrs.**

A writing-intensive, paralegal specialty course that introduces students to the basic techniques of legal research. Prerequisite: LGS 201 or consent of Legal Studies advisor.

204 LEGAL RESEARCH II**3 sem. hrs.**

A writing-intensive paralegal specialty course that covers advanced legal research. Prerequisite: LGS 203.

216 INTRODUCTION TO TORTS**3 sem. hrs.**

An introduction to the fundamental concepts of tort law. Topics include intentional and unintentional wrongs, varieties of liability, and courses of action. Not for credit POL major or minor.

**314 INVESTIGATIVE TECHNIQUES
AND EVIDENCE****3 sem. hrs.**

Techniques for the gathering and preparation of evidence for use in legal disputes. Formerly *INVESTIGATIVE TECHNIQUES*. Not for credit POL major or minor. Prerequisites: LGS 201 and 216.

319 PROBATE LAW**3 sem. hrs.**

Introduction to the fundamentals of probate law with emphasis on tasks which can be performed by paralegals. Not for credit POL major or minor. Prerequisite: LGS 201 or consent of the instructor.

322 FAMILY AND DOMESTIC RELATIONS LAW**3 sem. hrs.**

Overview of the laws and procedures governing legal aspects of marriage and child custody. Emphasis is placed on tasks which can be performed by paralegals. Formerly *DOMESTIC RELATIONS LAW*. Not for credit POL major or minor. Prerequisite: LGS 201 or consent of the instructor.

360 CRIMINAL LITIGATION**3 sem. hrs.**

An advanced paralegal specialty course covering criminal litigation from the commission of a crime through the trial and appellate stages. Not for credit POL major or minor. Prerequisite: LGS 201.

370 LITIGATION I**3 sem. hrs.**

An advanced paralegal specialty course that covers both civil and criminal litigation from the filing of a legal action through the defendant's responses. Not for credit POL major or minor. Prerequisites: LGS 201 and 203.

371 LITIGATION II**3 sem. hrs.**

An advanced paralegal specialty course that covers both civil and criminal litigation from the discovery and pretrial motions through the trial and appellate stages. Not for credit POL major or minor. Prerequisite: LGS 370.

372 EMPLOYMENT LAW**3 sem. hrs.**

A paralegal specialty course covering retirement plans, collective bargaining agreements, workmen's compensation, anti-discrimination laws, and OSHA regulations. Not for credit POL major or minor. Prerequisite: LGS 201 or consent of the instructor.

398A20 PROFESSIONAL PRACTICE:**PARALEGAL INTERNSHIP****1-16 sem. hrs.**

Internship provides work experience involving paralegal skills. Maximum 6 hours LGS major; maximum 3 hours LGS minor. Prerequisites: LGS 201. Complete department internship application procedure.

PSYCHOLOGY (PSY) 462

435 DeGarmo Hall, (309) 438-8651
 Website: Psychology.IllinoisState.edu

Chairperson: J. Scott Jordan.

Tenured/Tenure-track Faculty:

Professors: Bergner, Binning, Catanzaro, Cates, Creasey, T. Critchfield, DeSouza, Farmer-Dougan, Hesson-McInnis, Hund, Jordan, Kahn, Landau, McBride, Meyers, Nauta, Reese-Weber, W. Schneider, Simpson, Swerdlik, Tobin, Wagman, Zimmerman.

Associate Professors: Braswell, K. Critchfield, Croker, Cutting, Heidenreich, Rivadeneyra, K. Schneider.

Assistant Professors: Han, Ilie, Ispas, Parris, Puri, Wesselmann.

General Department Information**Program Admission Requirements for New and Continuing Students:**

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or consult the Department of Psychology website: Psychology.IllinoisState.edu.

NOTE: Transfer credit from community colleges is limited to 66 semester hours, plus four credits of physical education courses.

NOTE: The Department of Psychology typically does not admit students into the major who have completed more than 75 hours.

Standards for Progress in the Major:

In order to remain in the major, all Psychology majors must have achieved the following by the time they have completed 75 hours: (1) maintenance of a 2.00 or higher cumulative Illinois State University GPA, (2) maintenance of a 2.20 or higher Psychology major GPA (based on all courses taken at Illinois State University that count towards the Psychology major), and (3) completion of all of the following courses with a grade of C or better: PSY 111, 138, 200, and 231; MAT 120 or 121 or 144 or 145; a laboratory science course.

Records of all Psychology majors will be reviewed once they have completed 75 hours. Any student not fulfilling all of the standards for progress will be dismissed from the Psychology major.

MINOR IN COGNITIVE SCIENCE

The Department of Psychology participates in the Minor in Cognitive Science program. Several courses offered by

the Department contribute to the minor. For further information, please consult the Department advisor as well as the section entitled "Minor in Cognitive Science" under Interdisciplinary Studies Programs in this *Undergraduate Catalog*.

HONORS IN PSYCHOLOGY

The Department offers honors work for superior students majoring in Psychology. In order to qualify, the student must be a member of the University Honors Program, have achieved senior standing at Illinois State University, have achieved a University GPA of 3.30 or better, and have a GPA of 3.50 or better in Psychology course work. Finally, after a semester of experience with a faculty member, the student must complete a senior thesis (HON 395A03 - Honors Thesis: Psychology) for at least 3 hours that reflects substantial research and quality of thought and present the thesis at the Psychology Department Honors colloquium. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Psychology Programs

Degrees Offered: B.A., B.S.

The Major in Psychology prepares students for careers in psychology-related fields as well as advanced studies in the discipline. The curriculum ensures that majors gain a strong background in the basic and applied aspects of psychological science. Majors receive in-depth instruction in psychological research methods and statistical application. They also take five courses in foundational areas of psychology that provide exposure to the broad content of the discipline, historical issues, cultural considerations, and applications. Majors become familiar with careers in psychology and complete a capstone experience as they complete the program.

MAJOR IN PSYCHOLOGY

- 41 hours in Psychology required.
- Meet departmental admission criteria.
- Students who major in Psychology must complete the following courses: ENG 145; MAT 120 or 145 (which also meet General Education requirements) or MAT 121 or 144; 2 laboratory science courses (which can be met through General Education requirements); a Philosophy course.
- Required courses: PSY 111, 138, 200, 213, 223, 231, 233, 253, 263, 331, 340, 392 (or alternative below):
- Students may select one of the following options to replace PSY 392: (1) PSY 290 (for 3 hours) and 390 with the same faculty member, or (2) PSY 291 (for 3 hours) and PSY 391 with the same faculty member, or (3) PSY 395 and 398 (for 3 hours) taken the same semester, or (4) HON 395A03 (for at least 3 hours, must have senior standing) and presenting an honors thesis at the honors symposium.
- 6 hours of additional PSY electives at the 300-level are required. (If a 3-hour course is transferred for PSY 111,

a total of 7 hours of additional PSY electives are required, 6 of which must be at the 300-level.)

- Students may not register for more than a cumulative total of 17 hours of any combination of the following courses: PSY 287, 290, 291, 299, 390, 391, 398, or HON 395A03.
- Not more than 16 hours of 100-level Psychology courses, or Psychology courses transferred from community colleges, may count toward the major.

MINOR IN PSYCHOLOGY

- 2.50 GPA with 12 hours completed at Illinois State University to be admitted to the Psychology Minor.
- 21 hours in Psychology required, exclusive of the statistics requirement (see below).
- Required courses: PSY 110 or 111, 231, 233.
- 6 of the elective hours must be taken at the 200- or 300-level (upper division) at Illinois State or another four-year school.
- A course in statistics from: PSY 138, ECO 138, GEO 138, POL 138, MQM 100, MAT 150 or MAT 250, SOC 275, or by transfer.
- NOTE: Except for PSY/SOC 123 and PSY/SOC 223 (as electives) and SOC 275 (if used as statistics requirement), course work in Sociology, Anthropology, or Social Work does not count toward the Psychology Minor.

Psychology Courses

110 FUNDAMENTALS OF PSYCHOLOGY SS

3 sem. hrs.

A review and critical analysis of psychology's most influential explanations of human behavior. Students may be expected to participate in experiments. Not for credit if had PSY 111. Not for credit in PSY major. May not be taken under the P/NP option.

111 INTRODUCTION TO PSYCHOLOGY

4 sem. hrs.

Introduction to the discipline of psychology as the scientific study of behavior with emphasis on theory, methodology, and applications. Students may be expected to participate in studies. May not be substituted for PSY 110. Prerequisite: PSY major only.

123 HUMAN SEXUALITY

3 sem. hrs.

Basic psychological, socio-cultural, and physiological elements of human sexuality. Not for credit if had SOC 123. Prerequisite: SOC 106 or PSY 110 or 111 recommended.

138 REASONING IN PSYCHOLOGY USING STATISTICS

QR

3 sem. hrs.

Introduction to descriptive and inferential statistics. Includes use of the Statistical Package for Social Sciences (SPSS) on laboratory computers. May not be taken under the P/NP option. Prerequisite: Grade of C or better in MAT 120 or 121 or 144 or 145.

200 CAREERS IN PSYCHOLOGY

1 sem. hr.

Careers in Psychology and in other fields utilizing a Psychology Major. Prerequisites: PSY 110 or 111. PSY major only.

213 LIFESPAN DEVELOPMENT

3 sem. hrs.

A critical examination of human psychological constancy and change throughout the life span, with special emphasis on biological, social, and cultural influences. Not for credit if had PSY 112. Prerequisites: ENG 101 and COM 110, or ENG 101 and concurrent registration in COM 110, or COM 110 and concurrent registration in ENG 101; PSY 110 or 111.

215 EDUCATIONAL PSYCHOLOGY

3 sem. hrs.

Application of psychology to education covering human learning in school settings, evaluation and measurement of learning outcomes, developmental factors and learning, and social factors of learning. Includes Clinical Experience. Prerequisites: PSY 110 or 111. Teacher Education Major only.

223 SOCIAL PSYCHOLOGY

3 sem. hrs.

Scientific study of ways individuals think, feel, and behave in social situations; research methods, attitudes, social cognition, and interpersonal relations. Also offered as SOC 223. Prerequisites: ENG 101 and COM 110, or ENG 101 and concurrent registration in COM 110, or COM 110 and concurrent registration in ENG 101; PSY 110 or 111 or SOC 106.

230 BUSINESS AND INDUSTRIAL PSYCHOLOGY

3 sem. hrs.

Behavioral factors related to business and industry. Personnel practices, individual-group interaction, leadership and morale, fatigue and safety, and consumer behavior. Prerequisite: PSY 110 or 111.

231 RESEARCH METHODS IN PSYCHOLOGY

3 sem. hrs.

Scientific inquiry and research in psychology with emphasis on experimental methodology and application of principles through laboratory experimentation and demonstration. Prerequisites: PSY 110 or 111; ECO 138 or GEO 138 or MAT 150 or MQM 100 or POL 138 or PSY 138 or equivalent or concurrent registration. ENG 145 is recommended.

233 PSYCHOLOGY OF PERSONALITY SS

3 sem. hrs.

Critically examines psychology's most influential theories regarding the nature of persons, including psychoanalysis, behaviorism, cognitivism, and biological theory. Prerequisites: ENG 101 and COM 110, or COM 110 and concurrent registration in ENG 101, or ENG 101 and concurrent registration in COM 110; PSY 110 or 111.

253 COGNITION AND LEARNING

3 sem. hrs.

Basic principles of perception, attention, memory, language, thinking, and learning. Prerequisite: PSY 110 or 111.

263 PHYSIOLOGICAL PSYCHOLOGY**3 sem. hrs.**

Neurophysiological, biochemical, and anatomical substrates of behavior including sensorimotor, perceptual, motivational, emotional, and intellectual behaviors. Prerequisite: PSY 110 or 111.

287 INDEPENDENT STUDY**1-6 sem. hrs.**

Intensive work in a special area of the student's interest. Each individual project is to culminate in a comprehensive written report or examination. Open only to students not on academic probation and who have demonstrated an ability to profit from independent study. Maximum of 6 hours may be applied toward graduation. Prerequisite: Consent of the department chair and supervisor.

290 SPECIAL PROJECTS: RESEARCH APPRENTICESHIP**1-3 sem. hrs.**

Work on a faculty member's research project with faculty member. May repeat; maximum 9 hours. Prerequisites: 2.00 GPA; consent of the department chair and instructor.

291 SPECIAL PROJECTS: UNDERGRADUATE TEACHING**1-3 sem. hrs.**

Work with a faculty member assisting in classroom instruction. May repeat; maximum 9 hours. Prerequisites: 2.20 GPA; consent of the department chair and instructor.

299 INDEPENDENT HONOR STUDY**1-6 sem. hrs.**

Intensive work in a special area of the student's major or minor. Each individual project is to culminate in a comprehensive report or examination. Open to students with superior academic records and a demonstrated ability to profit from independent study. Maximum of 6 hours may apply toward graduation. Prerequisites: Consent of the instructor, department chair, and Director of Honors.

301 INFANT AND CHILD DEVELOPMENT**3 sem. hrs.**

Motor, cognitive, and emotional development and personality growth of children, birth through pre-adolescence. Formerly *DEVELOPMENTAL PSYCHOLOGY OF CHILDHOOD*. Prerequisite: PSY 110 or 111.

302 ADOLESCENT DEVELOPMENT**3 sem. hrs.**

Psychosocial issues are covered across developmental contexts for adolescents experiencing fundamental biological, cognitive, and social changes. Formerly *DEVELOPMENTAL PSYCHOLOGY OF ADOLESCENCE*. Prerequisites: PSY 110 or 111; PSY 213 or 215 or 231 or TCH 210.

303 ADULT DEVELOPMENT AND AGING**3 sem. hrs.**

A study of physical, cognitive, and personality development during adulthood, with emphasis on theories, empirical data, research methods, and current issues. Prerequisite: PSY 110 or 111.

305 PSYCHOLOGY OF WOMEN**3 sem. hrs.**

Psychological research to place in scientific perspective the etiology and behavioral consequences of female- and male-oriented attitudes. Prerequisite: PSY 110 or 111.

320 HISTORY OF PSYCHOLOGY**3 sem. hrs.**

Historical antecedents of modern psychology. Examination of modern psychology from a systematic point of view. Prerequisites: PSY 110 or 111; PSY 213 or 233 or PSY/SOC 223; and PSY 253 or 263; or graduate status in Psychology.

326 INTERNATIONAL PSYCHOLOGY**3 sem. hrs.**

History, current status, and future directions of scientific and professional psychology applied to contemporary global issues. Prerequisite: PSY 110 or 111.

327 CULTURAL PSYCHOLOGY**3 sem. hrs.**

Psychological research that focuses on a particular cultural group. Focus will vary by semester. May be repeated if topic is different; maximum of 6 hours. Contact the Department for availability of the following topics. Formerly *TOPICS IN PSYCHOLOGY AND DIVERSITY*. Prerequisite: PSY 110 or 111. See topics below.

327A01 CULTURAL PSYCHOLOGY: LATINO/A PSYCHOLOGY**3 sem. hrs.**

This course will focus on current research on the psychological functioning of Latino/as in the United States. Students will become familiar with how psychologists (and other social scientists) have investigated the behavior of Latino/as (e.g., cultural identities, belief systems, language, mental health, etc.) and the contexts for their behavior. Prerequisite: PSY 110 or 111.

327A02 CULTURAL PSYCHOLOGY: BLACK PSYCHOLOGY**3 sem. hrs.**

The course will explore current research on the psychological functioning of people of African descent (in the United States, Caribbean, Latin America, Europe, Asia, and Africa) and how psychologists (and other social scientists) have investigated the behavior of Black people around the world (e.g., cognition, cultural identities, belief systems, language, mental health, etc.) and the contexts for their behavior (e.g., families, communities, religious organizations, multiracial societies, etc.). Prerequisite: PSY 110 or PSY 111.

331 LABORATORY IN RESEARCH METHODS FOR PSYCHOLOGY**3 sem. hrs.**

Advanced research course focusing on particular content areas. May be repeated if content is different. Materials charge optional for some topics. Topics concentrate in different areas. Contact the Department for availability of the following topics. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only. See topics below.

331A01 LABORATORY IN RESEARCH METHODS FOR PSYCHOLOGY: DEVELOPMENTAL**3 sem. hrs.**

Advanced research course focusing on particular content areas. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only.

**331A03 LABORATORY IN RESEARCH
METHODS FOR PSYCHOLOGY:
OPERANT BEHAVIOR**

3 sem. hrs.

Advanced research course focusing on particular content areas. Materials charge optional. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only.

**331A05 LABORATORY IN RESEARCH
METHODS FOR PSYCHOLOGY: SOCIAL**

3 sem. hrs.

Advanced research course focusing on particular content areas. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only.

**331A07 LABORATORY IN RESEARCH
METHODS FOR PSYCHOLOGY:
COGNITIVE PROCESSES**

3 sem. hrs.

Advanced research course focusing on particular content areas. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only.

**331A11 LABORATORY IN RESEARCH
METHODS FOR PSYCHOLOGY:
PERSONALITY**

3 sem. hrs.

Advanced research course focusing on particular content areas. Prerequisites: PSY 138 and 231, or consent of the instructor. PSY major only.

**331A12 LABORATORY IN RESEARCH
METHODS FOR PSYCHOLOGY:
INDUSTRIAL AND
ORGANIZATIONAL PSYCHOLOGY**

3 sem. hrs.

An advanced course in industrial and organizational (I/O) psychology covering several aspects of I/O research. Prerequisites: PSY 138 and 231. PSY 230 is recommended. PSY major only.

**333 PRINCIPLES OF BEHAVIOR
MODIFICATION**

3 sem. hrs.

Principles of behavior modification with an emphasis upon their use in a variety of educational and clinical settings. Prerequisite: PSY 110 or 111.

334 PSYCHOLOGICAL MEASUREMENT

3 sem. hrs.

The use of psychological testing in applied settings and fundamentals of measurement theory, including interpretation of test scores, reliability and validity assessment, and test development. Prerequisites: PSY 110 or 111; ECO 138 or GEO 138 or MAT 250 or MAT 351 or MQM 100 or POL 138 or PSY 138 or consent of the department.

**340 STATISTICS FOR THE
SOCIAL SCIENCES**

3 sem. hrs.

Advanced statistical techniques for the behavioral sciences including hypothesis testing, inferential statistics, and data analysis using SPSS. Prerequisites: Grade of C or better in PSY 138; MAT 120 or 121 or 144 or 145. PSY major only.

**346 PSYCHOLOGY OF EXCEPTIONAL
CHILDREN**

3 sem. hrs.

A study of the socio-psychological factors influencing the exceptional child's cognitive and affective development with implications for those working with exceptional children. May Include Clinical Experience. Prerequisite: PSY 110 or 111.

347 BEHAVIOR DISORDERS IN CHILDREN

3 sem. hrs.

Medical, psychological, and sociological aspects of behavioral disorders of children. Prerequisite: PSY 110 or 111.

350 PSYCHOPATHOLOGY

3 sem. hrs.

An overview of various forms of psychopathology with an emphasis on etiology, characteristics, and treatment. Prerequisite: PSY 110 or 111.

**351 INTRODUCTION TO CLINICAL AND
COUNSELING PSYCHOLOGY**

3 sem. hrs.

Introduction to clinical and counseling psychology, including clinical assessment methods, modes of therapy, and current challenges in the fields. Formerly *CLINICAL APPLICATIONS OF PSYCHOLOGY*. Prerequisites: PSY 110 or 111; PSY 350 or concurrent registration. PSY 233 recommended.

360 LEARNING

3 sem. hrs.

Experimental data bearing on the problem of learning; learning theory; learning data and theory in relation to applied problems. Prerequisites: PSY 110 or 111; PSY 231.

361 PERCEPTION

3 sem. hrs.

An overview of the philosophical, physical, physiological, and psychological aspects of perception; the relationship of perception to action. Prerequisites: PSY 110 or 111; PSY 231.

364 MOTIVATION

3 sem. hrs.

Evolution of basic concepts leading to contemporary explanation of determiners of action with application to vocational, social, and educational areas. Prerequisites: PSY 110 or 111; PSY 231.

365 DYNAMICS OF SOCIAL BEHAVIOR

3 sem. hrs.

An overview of the explanations for various aspects of social behavior, e.g., interaction, attitudes, person perception, etc. Prerequisites: PSY 110 or 111; PSY 223 or SOC 223.

**367 INTRODUCTION TO BEHAVIORAL
PSYCHOPHARMACOLOGY**

3 sem. hrs.

Foundation concepts of behavioral psychopharmacology including basic brain anatomy and physiology, neural mechanisms of drug action, and examination of drug action and behavior. Prerequisites: PSY 110 or 111; PSY 231; BSC 101 or 196. PSY 263 is recommended.

368 HUMAN MEMORY

3 sem. hrs.

Basic theories and findings in the study of human memory with a focus on organization, development, distortions, and disorders. Prerequisites: PSY 110 or 111; PSY 231.

230 Psychology

369 PSYCHOLINGUISTICS
3 sem. hrs.

Basic theories and findings in the study of the psychological processes of language use. Prerequisites: PSY 110 or 111; PSY 231.

375 PERSONNEL PSYCHOLOGY
3 sem. hrs.

Procedures, methods, and professional issues relevant to matching job candidates' personal attributes to the requirements of specific jobs; emphasis is on personnel selection, training, and EEO legal compliance. Prerequisite: PSY 230 or 334.

376 ORGANIZATIONAL PSYCHOLOGY
3 sem. hrs.

Research methods and results concerning social psychology of work organizations. Descriptions of practices in organizational psychology. Not for credit if had MQM 221 or 421. Prerequisite: PSY 230.

390 ADVANCED RESEARCH APPRENTICESHIP
3 sem. hrs.

Intensive work on a research project with a faculty member, culminating in a final paper or presentation. Prerequisites: Senior standing; PSY major only; 2.00 GPA; PSY 290 for 3 hours; consent of the department chair and instructor.

**391 SCHOLARSHIP OF TEACHING
AND LEARNING APPRENTICESHIP**
3 sem. hrs.

Intensive work with a faculty member on the Scholarship of Teaching and Learning, culminating in a final paper or presentation. Prerequisites: Senior standing; PSY major only; 2.20 GPA; PSY 291 for 3 hours; consent of the department chair and instructor.

392 SENIOR SEMINAR
3 sem. hrs.

A capstone course for PSY majors featuring in-depth study of selected topics. Prerequisites: Senior standing; PSY major only.

395 PROFESSIONAL PRACTICE SEMINAR
3 sem. hrs.

Research application seminar focusing on utilizing the science of psychology in specific community settings. Prerequisites: Senior standing; PSY major only; PSY 398 concurrent registration for 3 hours; consent of the department chair.

398 PROFESSIONAL PRACTICE: PSYCHOLOGY
1-3 sem. hrs.

Internship applying psychology coursework in a supervised work experience in community agencies, organizations, businesses, and institutions. May repeat up to maximum 9 hours total. Prerequisites: PSY major only; 15 hours in PSY; junior/senior standing; 2.20 GPA; consent of the department.

SOCIAL WORK (SWK) 465

313 Rachel Cooper, (309) 438-3631

Website: SocialWork.IllinoisState.edu

Email: SocialWork@IllinoisState.edu

Fax: (309) 438-5880

Director: Diane Zosky.

Tenured/Tenure-track Faculty:

Professor: Liechty.

Associate Professors: Edmonds-Cady, Hamilton, Harris, Houston, Wehrmann, Zosky.

Assistant Professors: Avant, Gjesfjeld, Olson, Sheridan, Stipp.

Social Work Program

Degrees Offered: B.S.W.

Accredited by the Council on Social Work Education

Admission Requirements:

Students may declare a major in the School of Social Work upon admission to the University or with permission of the School.

NOTE: The School of Social Work reserves the right to maintain a balanced enrollment. This may restrict the numbers of freshmen, transfer students, and internal transfers who wish to be Social Work majors.

- Most Social Work courses are restricted to Social Work majors.
- The School does not offer a minor in Social Work.
- Only Social Work students may take required courses.

Academic credit for life experience and/or previous work experience is not given, in whole or in part, in lieu of any social work course. All Social Work majors must also be formally admitted to the program. The admission process is a prerequisite for taking any 300-level Social Work course. In order to be formally admitted, students are required to make formal application before their enrollment in SWK 223. To be accepted, students must have satisfied the following requirements:

1. At least 30 hours of credit with a minimum 2.50 overall GPA;
2. Grade of C or better in all courses required for the major;
3. Successful completion of at least 25 pre-approved hours of volunteer or paid work experience in an appropriate social service agency within the past 2 years.
4. 15 hours required in an introductory social work course and liberal arts courses: SWK 170; ECO 103; PSY 110, 350; SOC 106.
5. 12 hours required in General Education courses which include: ANT 185; BSC 101 or BSC 145 or BSC 170; POL 101 or 106; a category QR course chosen from ECO 138 or PSY 138 or POL 138 or GEO 138 or MAT 150 or MQM 100.

Exemptions from the grade point requirement may be made for students who demonstrate potential for academic success in Social Work. Exceptions are granted upon the recommendations of the Social Work Admission Committee and the Director or designee of the Social Work program.

Retention Requirements:

The School reserves the right to enforce professional standards of practice as specified in Section 6369 of the Clinical Social Work and Practice Act. These standards may be taken into consideration in decisions related to program retention. Additionally, students must maintain a cumulative grade point average of 2.50 and a grade of C or better in all major required courses.

HONORS IN SOCIAL WORK

The School of Social Work offers honors work for superior students majoring in Social Work. In order to qualify, the student must be a member of the University Honors Program, have completed a minimum of 12 hours for honors credit, and achieve a cumulative University GPA of 3.30 or better, and have a GPA of 3.50 or better in Social Work. Students pursuing this option should contact the School's Director of Student Services. Further details about the University Honors program are available at: Honors.IllinoisState.edu.

MAJOR IN SOCIAL WORK

- 54 hours required in Social Work core courses: SWK 222, 223, 225, 310, 315, 325, 326, 329, 336, 337, 345, 346, 394, 395, 398A10, and 398A11.
- Additionally, students pursuing a Bachelor of Social Work degree must choose from one of the following options:
 - One additional three hour course in the natural sciences, mathematics, statistics, or technology beyond those required for General Education.
 - Successful completion of LAN 115 or the equivalent.

Fall Semester - First Year

SWK 222 - Contemporary Social Welfare Policy
 SWK 223 - Human Behavior I
 SWK 310 - Understanding Diverse Populations
 SWK 325 - Generalist Practice: Individuals
 SWK 326 - Practice Skills

Spring Semester - First Year

SWK 225 - Human Behavior II
 SWK 315 - Social Work Research
 SWK 329 - Preparation for Professional Practice
 SWK 336 - Generalist Practice II: Families
 SWK 337 - Generalist Practice III: Groups

Fall Semester - Second Year

SWK 345 - Generalist Practice IV: Communities
 SWK 394 - Field Instruction Seminar I
 SWK 398A10 - Field Instruction I

Spring Semester - Second Year

SWK 346 - Policy Practice and Advocacy
 SWK 395 - Field Instruction Seminar II
 SWK 398A11 - Field Instruction II
 Approved elective course

— Suggested electives: CJS 101, 102; TCH 312; COM 223; ECO 103; FCS 224; IDS 111; IT 140; PHI 238; POL 105, 215; PSY 123, 213, 233, 301, 302, 333, 347; SOC 106, 108, 111, 112, 123, 240, 260, 262, 342, 366; SWK 125, 323, 324, 330; WGS 120; or other relevant courses selected in consultation with the school's Director of Student Services.

The Baccalaureate Degree in Social Work is accredited by the Council on Social Work Education. The principal educational goal is to prepare students for beginning generalist social work practice.

Special Concentration and Certificates:

Concentration in Women's and Gender Studies:

This 12-hour concentration has been designed for social work majors who wish to integrate a working knowledge of gender issues and their intersections with the undergraduate BSW degree. SWK 329 pre-practicum must be with an organization focusing on gender issues.

Child Welfare Concentration: This concentration has been designed for students who wish to enhance the social work major by integrating a working knowledge of child welfare practice with the undergraduate social work degree.

Gerontology Certificate and Minor: This special program has been designed for students who wish to enhance the social work major by integrating a working knowledge of gerontological issues with the undergraduate social work degree.

Students interested in any of the above programs should contact the Director of Student Services in the School of Social Work.

Social Work Courses

170 INTRODUCTION TO SOCIAL WORK

3 sem. hrs.

Survey of the profession of social work and the institution of social welfare in the contemporary United States.

211 SOCIAL GERONTOLOGY

3 sem. hrs.

Process and consequences of aging; interplay between social and social-psychological forces and the aged population in society. Also offered as SOC 211. Prerequisite: Completion of 45 hours or consent of the instructor. SOC 106 or PSY 111 is recommended.

222 HISTORICAL AND CONTEMPORARY SOCIAL WELFARE POLICY AND PROGRAMS

3 sem. hrs.

Historical development and critical analysis of social welfare programs, policies, and issues. Formerly *CONTEMPORARY SOCIAL WELFARE POLICY*. Prerequisites: Formal admission to SWK major. Concurrent registration in SWK 223, 310, 325, 326.

223 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT I

3 sem. hrs.

The integration of major concepts from the social and behavioral sciences in terms of their relevance for micro social work practice. Prerequisites: Formal admission to SWK major or consent of the school advisor. Concurrent registration in SWK 222, 310, 325, and 326.

225 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT II

3 sem. hrs.

Integration of concepts from the social-behavioral sciences regarding relevance for micro, mezzo, and macro practice. Focus is on the second half of the life cycle. Prerequisites: SWK 222, 223, 310, 325, 326. Major only or consent of the school advisor. Concurrent registration in SWK 315, 329, 336, and 337.

310 UNDERSTANDING DIVERSE POPULATIONS

3 sem. hrs.

Examines the impact of discrimination and oppression on the development and delivery of social work services to diverse populations. Formerly *PRACTICE WITH DIVERSE POPULATIONS*. Prerequisites: Formal admission to SWK major or consent of the school advisor. Concurrent registration in SWK 222, 223, 325, 326.

311 ISSUES IN GERONTOLOGY

3 sem. hrs.

Advanced treatment of selected subjects in gerontology. May be repeated if content differs. Also offered as SOC 311. Prerequisites: SOC/SWK 211 or consent of the instructor; Completion of 75 hours or consent of the instructor.

315 SOCIAL WORK RESEARCH

3 sem. hrs.

Application of theories and skills of research to social work practice with individuals, families, groups, communities, and organizations. Prerequisites: SWK 222, 223, 310, 325, and 326. Concurrent registration in SWK 225, 329, 336, and 337. Major only or consent of the school advisor.

323 CHILD WELFARE SERVICES

3 sem. hrs.

Services for dependent, neglected, abused, and handicapped children and their families. Recommended before SWK 398A10 if student wishes placement in a child and family service agency. Prerequisite: SWK 222 is recommended or SED or FCS major.

324 TOPICS IN CHILD WELFARE

3 sem. hrs.

Analysis of current child welfare topics and the role of the profession of social work. Prerequisite: SWK 323 or consent of the instructor.

325 GENERALIST PRACTICE I: INDIVIDUALS

3 sem. hrs.

Introduction to generalist social work practice with an emphasis on working with individuals. Prerequisites: Formal admission to SWK major or consent of the school advisor. Concurrent registration in SWK 222, 223, 310, and 326.

326 PRACTICE SKILLS**3 sem. hrs.**

Course which teaches interpersonal social work practice skills. Materials charge optional. Formerly *PRACTICE SKILLS LABORATORY*. Prerequisites: Formal admission to SWK major. Concurrent registration in SWK 222, 223, 310, and 325.

329 PREPARATION FOR PROFESSIONAL PRACTICE**3 sem. hrs.**

An educationally focused community service experience and seminar that emphasizes socialization of students to the profession of social work. Prerequisites: SWK 222, 223, 310, 325, 326. Concurrent registration in SWK 225, 315, 336, and 337.

330 TOPICS IN CONTEMPORARY SOCIAL WORK AND SOCIAL WELFARE**1-3 sem. hrs.**

Analysis of current social welfare topics and the role of the profession of social work. May be repeated; maximum 6 hours. Prerequisite: Consent of the instructor.

336 GENERALIST PRACTICE II: FAMILIES**3 sem. hrs.**

Introduces students to the social work knowledge and practice skills necessary to effect change and growth in struggling families. Prerequisites: SWK 222, 223, 310, 325, 326. Concurrent registration in SWK 225, 315, 329, and 337. Major only or consent of the school advisor.

337 GENERALIST PRACTICE III: GROUPS**3 sem. hrs.**

Expands the theoretical foundation and practice methodology by focusing specifically on knowledge and skills to effect change in small groups. Prerequisites: SWK 222, 223, 310, 325, and 326. Concurrent registration in SWK 225, 315, 329, and 336. Major only or consent of the school advisor.

345 GENERALIST PRACTICE IV: COMMUNITIES**3 sem. hrs.**

Social work practice with neighborhoods, communities, and human service agencies, including program planning, grant writing, administration, supervision, and evaluation. Prerequisites: SWK 225, 315, 329, 336, and 337. Concurrent registration in SWK 394 and 398A10. Major only or consent of the school advisor.

346 POLICY PRACTICE AND ADVOCACY**3 sem. hrs.**

Policy practice and advocacy skills needed to bring about social change. Materials charge optional. Prerequisites: SWK 345, 394, and 398A10. Concurrent registration in SWK 395 and 398A11.

394 FIELD INSTRUCTION SEMINAR I**2 sem. hrs.**

Taken with the field practicum, this seminar facilitates students' initial integration of generalist practice knowledge with practice in a field agency. Prerequisites: SWK 225, 315, 329, 336, and 337. Concurrent registration in SWK 345 and 398A10.

395 FIELD INSTRUCTION SEMINAR II**2 sem. hrs.**

Taken with the field practicum, this seminar facilitates students' integration of generalist practice knowledge with practice in a field agency. Prerequisites: SWK 315, 337, 394, 398A10; concurrent registration in SWK 398A11.

398A10 PROFESSIONAL PRACTICE: FIELD INSTRUCTION I**7 sem. hrs.**

Supervised field instruction and practice in social work methods with individuals, groups, and communities in a social welfare agency. CR/NC only. Prerequisites: SWK 225, 315, 329, 336 and 337. Concurrent registration in SWK 345 and 394. Senior standing and admission to SWK major.

398A11 PROFESSIONAL PRACTICE: FIELD INSTRUCTION II**7 sem. hrs.**

Advanced supervised field instruction and practice in social work setting. Same as SWK 398A10 but experiences are more diverse and complex. CR/NC only. Prerequisites: SWK 345, 394, 398A10. Concurrent registration in SWK 346 and 395.

SOCIOLOGY - ANTHROPOLOGY

332 Schroeder Hall, (309) 438-8668
Website: SOA.IllinoisState.edu

Chairperson: James M. Skibo.

Tenured/Tenure-track Faculty:

Sociology: *Distinguished Professor:* Sprecher.

Professors: Brehm, Gill, Leonard, Toro-Morn.

Associate Professors: Avogo, Beck, Brown, Burr, Gerschick, Pitluck, Schmееckle, Sullivan, Wellin, Willetts, Wortham.

Assistant Professors: Dougherty.

Anthropology:

Distinguished Professor: Skibo.

Professor: Smith, Stanlaw.

Associate Professors: Adachi, Hunter, Sampeck.

Assistant Professors: Durban-Albrecht, Miller, Stone.

General Department Information**INTERDISCIPLINARY MINORS**

The Department of Sociology/Anthropology participates in a number of interdisciplinary minors at the University. Course work offered by the Department contribute to the following minors: African-American Studies, African Studies, Children's Studies, Civic Engagement and Responsibility, Cognitive Science, Ethnic Studies, International Studies, Latin American and Latino/a Studies, Middle Eastern and South Asian Studies, Native American Studies, Peace and Conflict Resolution Studies, Urban Studies, and Women's and Gender Studies. For further information on any of these minors and their advisors, please consult the Interdisciplinary Studies Programs section in this *Undergraduate Catalog*.

HONORS IN ANTHROPOLOGY

The Anthropology Program offers honors work for students who are academically talented and majoring in Anthropology. To qualify, the student must be in the University Honors program and have a 3.50 GPA in Anthropology coursework. In addition the student must complete 12 hours of Honors coursework in Anthropology (generally as In-Course Honors) including at least 3 hours of ANT 299 Honors Independent Study. Honors students may enroll in HON 395A06 Honors Thesis: Anthropology instead of ANT 382 Anthropology Senior Thesis. Contact the department advisor for details on these requirements. Further details about the University Honors program are available at Honors.IllinoisState.edu.

HONORS IN SOCIOLOGY

The Sociology Program offers honors work for students who are academically talented and majoring in Sociology. To qualify, the student must be in the University Honors program and have a 3.50 GPA in Sociology coursework. In addition, the student must complete 12 hours of honors coursework in Sociology. Contact the department advisor for details on these requirements. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Sociology Programs (SOC) 466

Degrees Offered: B.A., B.S

Academic Requirements:

To graduate with a Sociology Major, students must earn a grade of C or better in SOC 106 and in each of the 6 required upper-level courses, SOC 206, 270, 271, 275, 292, and 300.

MAJOR IN SOCIOLOGY**Program Admission Requirements for New and Continuing Students:**

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the department advisor for the intended major.

Ordinarily students will need a minimum of four semesters of college work left to satisfy the sequencing requirements of the six upper level required courses.

- 43 hours required.
- 37 hours in Sociology required: SOC 106, 206, 270, 271, 275, 292, 300, and Sociology electives to complete the 37 hours.
- No more than 9 hours of 100-level electives will count in the major. At least 6 hours of Sociology electives must be at the 300-level (exclusive of 398).
- 6 hours in Anthropology required. No Anthropology course may be counted toward the 37 hours of Sociology required for the major.
- NOTE: One of the following Sociology offerings for General Education may count toward both the major and the General Education program requirements: SOC 108, 111, 112, 223, or 240.

MINOR IN SOCIOLOGY

- 18 hours in Sociology required.
- Required course: SOC 106. No Anthropology course may be counted toward the 18 hours in Sociology required for the minor.

MINOR IN GERONTOLOGY**Interdisciplinary Minor:**

For further information contact the Academic Advisor, Department of Sociology - Anthropology.

- 21 hours required.
- Required courses (6 hours): SOC/SWK 211, SOC 398A01.

- Electives courses (15 hours) approved by the Gerontology Committee include the following (other courses will be considered in special circumstances, subject to approval by the gerontology coordinator): COM 331; FCS 304, 305, 363, 394; HSC 208, 258, 286, 292; PSY 213, 302, 303; SOC 212, 310, 311, 318, 342, 362.

Anthropology Programs (ANT) 464

Degrees Offered: B.A., B.S

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the department advisor for the intended major.

MAJOR IN ANTHROPOLOGY

- Minimum of 37 hours in Anthropology required.
- Required courses (25 hours):
Introductory courses: ANT 102, 185.
Principles courses: ANT 274, 277, 281, 350.
Capstone courses: ANT 380, 382.
Careers course: ANT 292 (1 hour).
- Electives (12 hours): Four courses to be chosen from each of the four subfields of Anthropology (i.e., at least 1 course from each of the four following groups):
Archaeology: ANT 280, 301, 306, 370, 373, 375, 376, 381, 384, 386, 388, 392.
Biological Anthropology: ANT 306, 371, 372, 378, 387, 393.
Cultural Anthropology: ANT 270, 272, 273, 278, 294, 302, 303, 306, 307, 374, 383, 385.
Linguistic Anthropology: ANT 306, 308, 338, 342, 383.
- Non-required major courses: The following anthropology elective courses may be taken by anthropology majors to fulfill other General Education requirements, but are not necessary for the major: ANT 143, 176, 297, 398.

NOTE:

1. Students will be advised in individual consultation to take a number of supporting courses in cognate disciplines. The program in cognates may emphasize either the social sciences or the natural sciences, reflecting the student's primary interest in biological anthropology, cultural anthropology, archaeology, or linguistics. Cognate courses may count toward the required four subfield electives with consent of the program coordinator or the department advisor.
2. All anthropology majors are encouraged to take SOC 275 (Social Statistics) as part of their undergraduate curriculum.
3. No Sociology courses may be counted toward the 37

hours in Anthropology required for the major.

4. Special topics courses which vary from semester to semester (ANT 306; 383) may be used to substitute for one of the four required subfield electives if consent is granted by the program coordinator.
5. A grade of C or better is required in ANT 102 and 185.

MINOR IN ANTHROPOLOGY

- 18 hours in Anthropology required.
- Required courses: ANT 102, 185.
- At least 9 hours must be at the 200-level or higher.
- **NOTE:** Additional Anthropology electives will be recommended on an individual basis. No Sociology course may be counted toward the 18 hours in Anthropology required for the minor.

Sociology Courses (SOC)

106 INTRODUCTION TO SOCIOLOGY ICL 3 sem. hrs.

Critical examination of the relationship between social forces and the experiences of individuals and groups focusing on the nature of social reality, social structures, and social change.

108 CONTEMPORARY SOCIAL PROBLEMS IN GLOBAL PERSPECTIVES SS 3 sem. hrs.

Examination of social problems dealing with gender, ethnicity, stratification, and global competition utilizing interdisciplinary, sociological, and global perspectives. May not be taken under the P/NP option.

109 INTRODUCTION TO U.S. LATINA/O STUDIES UST 3 sem. hrs.

An interdisciplinary introduction to the migration, work, and community experiences of U.S. Latino/Latina immigrants and their descendants. May not be taken under the P/NP option.

111 AMERICAN DIVERSITY: CONTESTED VISIONS OF THE UNITED STATES EXPERIENCE UST 3 sem. hrs.

Study of major events in United States history from the perspectives of race, gender, ethnicity, and class. May not be taken under the P/NP option. Also offered as HIS 111.

112 AMERICAN FAMILY: CHANGE AND DIVERSITY UST 3 sem. hrs.

Historical and comparative exploration of activities of family formation, maintenance, and reconfiguration in America. Emphasis on issues of diversity. May not be taken under the P/NP option. Also offered as FCS/HIS 112.

123 HUMAN SEXUALITY 3 sem. hrs.

Basic psychological, socio-cultural, and physiological elements of human sexuality. Not for credit if had PSY 123. Prerequisite: SOC 106 or PSY 111 or 110 recommended.

206 SOCIOLOGICAL INQUIRY
3 sem. hrs.

In-depth introduction to sociological thought and inquiry. Prerequisites: SOC major only. Grade of C or better in SOC 106.

211 SOCIAL GERONTOLOGY
3 sem. hrs.

Process and consequences of aging; interplay between social and social-psychological forces and the aged population in society. Also offered as SWK 211. Prerequisites: SOC 106 or PSY 111 recommended; a minimum of 45 hours completed or consent of the instructor.

212 SOCIOLOGY OF DEATH
3 sem. hrs.

Complexities of death-related behavior in modern societies; sociological and social-psychological viewpoints; theoretical and pragmatic implications. Prerequisites: A minimum of 45 hours completed or consent of the instructor. SOC 106 or PSY 111 is recommended.

**220 GLOBAL SOCIAL CHANGE:
 AN INTRODUCTION TO
 MACROSOCIOLOGY** SS
3 sem. hrs.

Global, comparative, historical introduction to patterns of entire societies. May include economy, power, inequality, population, gender, family, and culture.

223 SOCIAL PSYCHOLOGY SS
3 sem. hrs.

Scientific study of ways individuals think, feel, and behave in social situations; research methods, attitudes, social cognition, and interpersonal relations. Also offered as PSY 223. Prerequisites: COM 110 and ENG 101 or concurrent registration; PSY 110 or 111 or SOC 106.

**240 PEOPLE IN PLACES: UNDERSTANDING
 AND DEVELOPING COMMUNITY** SS
3 sem. hrs.

Analysis of how external forces affect communities and their residents; understanding how people create community; rural-urban differences. Prerequisite: COM 110 or ENG 101 or concurrent registration.

260 SOCIAL STRATIFICATION
3 sem. hrs.

Theories and character of social class systems, differential class behavior, mobility, power relationships, and caste and estate systems. Prerequisites: A minimum of 45 hours completed or consent of the instructor. SOC 106 is recommended.

262 MARRIAGE AND THE FAMILY
3 sem. hrs.

Sociological and social psychological examination of the patterned and dynamic aspects of marital and family relationships. Prerequisites: A minimum of 45 hours completed or consent of the instructor. SOC 106 is recommended.

263 DEVIANT BEHAVIOR
3 sem. hrs.

Causes, societal response and control of deviant behavior. Definition of deviant acts, stigmatization, and the process of reabsorbing deviants. Prerequisites: SOC 106 recommended.

**264 RACIAL, SOCIAL CLASS, AND
 GENDER INEQUALITY**
3 sem. hrs.

Examination of social constructions of race/ethnicity, social class, gender. How categories are transformed into systems of inequality nationally and globally. Formerly *MINORITY RELATIONS*. Prerequisites: A minimum of 45 hours completed or consent of the instructor. SOC 106 is recommended.

265 PERSONAL RELATIONSHIPS
3 sem. hrs.

Introductory course on theory, research, and methods in the study of a variety of social and personal relationships. Prerequisites: A minimum of 45 hours completed or consent of the instructor. SOC 106 or PSY 110 or PSY 111 recommended.

268 SOCIOLOGY OF RELIGION
3 sem. hrs.

Functions and origins of religion; impact of religion on individual, society, and culture: social forces affecting religion. Prerequisites: A minimum of 45 hours completed or consent of the instructor. SOC 106 is recommended.

270 HISTORY OF SOCIOLOGICAL THOUGHT
3 sem. hrs.

Analysis and appraisal of classical works in sociology from mid-19th century to the present. Prerequisites: Grade of C or better in SOC 106 and 206. Major only or consent of the department advisor.

**271 INTRODUCTION TO SOCIOLOGICAL
 RESEARCH**
3 sem. hrs.

Convergence of theory and research; design of inquiry, measurement, survey design, data collection, analysis, and interpretation. Research projects are part of the course. Prerequisites: Grade of C or better in SOC 106 and 206. Major only or consent of the department advisor.

275 SOCIAL STATISTICS
3 sem. hrs.

Application and interpretation of basic descriptive and inferential statistics used in behavioral research. Non-parametric and parametric statistics are considered. Prerequisites: MAT 120, 130, 150, or PSY 138 or ECO 138 or GEO 138 or POL 138, or MQM 100. Grade of C or better in SOC 106 and 206. Major only or consent of the department advisor.

292 CAREERS FOR SOCIOLOGY MAJORS
1 sem. hr.

Acquaints students with career opportunities and relates Sociology skills learned to those needed in various career situations. Includes instruction on job placement skills. Formerly 289.39. Prerequisites: Grade of C or better in SOC 106 and 206. Major only or consent of the department advisor.

295 SOCIOLOGY OF CULTURE
3 sem. hrs.

Analysis of cultural forms such as mass media, art, music theatre, popular culture, fashion, and architecture and their relationships to various social structures. Formerly SOC 289.40.

300 SENIOR EXPERIENCE IN SOCIOLOGY
3 sem. hrs.

Capstone experience in research and writing on a sociological topic which varies with the specialization of the instructor. Prerequisites: Major only and senior standing. Grade of C or better in SOC 106, 206, 270, 271, 275 and 292. Concurrent registration allowed for SOC 270.

302 ANIMALS AND SOCIETY**3 sem. hrs.**

Examines the social relationships between human and non-human animals and the social meanings that condition the lives of particular species. Prerequisite: A minimum of 75 hours completed or consent of the instructor or graduate student standing.

310 MEDICAL SOCIOLOGY**3 sem. hrs.**

Social distribution and social construction of illness; physician socialization; doctor-patient interaction; alternative medicine; structure of health care systems; biomedical ethics. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 106 is recommended.

311 ISSUES IN GERONTOLOGY**3 sem. hrs.**

Advanced treatment of selected subjects in gerontology. May be repeated if content differs. Also offered as SWK 311. Prerequisites: SOC 211 or consent of the instructor; a minimum of 75 hours completed or consent of the instructor.

317 SOCIOLOGY OF SPORT**3 sem. hrs.**

The social institution of sport is examined using such sociological concepts as social organization, culture, socialization, deviance, social stratification, minority groups, and collective behavior. Also offered as KNR 317. Prerequisite: A minimum of 75 hours completed or consent of the instructor.

318 CHILDREN IN GLOBAL PERSPECTIVE**3 sem. hrs.**

Exploration of global-scale trends, diversity, processes, power dynamics, and interventions related to children and their trajectories. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 106 is recommended.

320 GLOBAL DEVELOPMENT AND ECONOMIC CHANGE**3 sem. hrs.**

Survey of debates and theories regarding definitions, means, and consequences of "development" within poor- and middle-income countries; country case studies. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 106 is recommended.

330 SOCIETY AND ENVIRONMENT**3 sem. hrs.**

An examination of the interactions between the social and physical environment and how social structures and individual actions impact the "natural world." Prerequisite: A minimum of 75 hours completed or consent of the instructor. SOC 106 or 108 is recommended.

331 SELF AND SOCIETY**3 sem. hrs.**

Analysis of the micro-level relationships between the individual and society. Topics include social interaction, the self, identity and emotion management. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 106 is recommended.

333 POLITICAL SOCIOLOGY: POWER, CULTURE AND CHANGE**3 sem. hrs.**

Critical analysis of the institutional mechanisms and social processes through which political power is constructed, distributed, and maintained. Prerequisites: SOC 106 or 108. A minimum of 75 hours completed or consent of the instructor.

338 SOCIAL INTERACTION**3 sem. hrs.**

Conversation Analysis, Ethnomethodology; Organization of social interaction; Sense-making in everyday and institutional settings; Achievement of social identities. Formerly SOC 389A76. Also offered as ANT 338. Prerequisite: A minimum of 75 hours completed or consent of the instructor.

341 THE SOCIOLOGY OF GENDER**3 sem. hrs.**

Explores the concepts, theories, and methods sociologists utilize to explain differences in the social relations between and among women and men. Individual, interactional, institutional and social change processes are examined. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 106 or PSY 111 is recommended.

342 SOCIOLOGY OF THE BODY**3 sem. hrs.**

Explores the concepts, theories, and methods sociologists utilize to study the body in social life. Special emphasis on non-normative bodies. Prerequisites: SOC 106; a minimum of 75 hours completed.

350 SOCIOLOGY OF EDUCATION**3 sem. hrs.**

The primary focus of this course will be to engage with the current debates, issues, and problems associated with higher education. Prerequisites: SOC 106 recommended; a minimum of 75 hours completed or consent of the instructor.

361 URBAN SOCIOLOGY**3 sem. hrs.**

Urban structure and dynamics stressing human ecological theories, power, and cultural forces affecting architecture and social interaction. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 106 is recommended.

362 POPULATION**3 sem. hrs.**

Dynamics of population size and change, including fertility, mortality, migration, composition, spatial distribution, family, and relation to resources in the United States and the world; application and policy implications. Formerly SOC 267. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 106 is recommended.

365 JUVENILE DELINQUENCY**3 sem. hrs.**

Delinquency as a social and legal problem; theories of delinquency, the juvenile court; prevention and treatment. Prerequisite: A minimum of 75 hours completed or consent of the instructor.

366 CONTEMPORARY SOCIAL MOVEMENTS
3 sem. hrs.

Theories, methods, and research on social movements in the United States and on transnational social movements, including the women's movement. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 106 is recommended.

367 CRIMINOLOGY
3 sem. hrs.

Criminological theory and practice. Crime as a social and legal problem. The administration of justice. Prerequisite: A minimum of 75 hours completed or consent of the instructor.

372 SPECIAL TOPICS IN SOCIOLOGY
3 sem. hrs.

This course addresses current topics of sociological interest. May be repeated if content is different; maximum of 9 hours. Prerequisite: SOC 106 or consent of the instructor.

375 ECONOMIC SOCIOLOGY
3 sem. hrs.

Study of historical and contemporary economic behavior, institutions, and processes. Examination of production, distribution, consumption, markets, technology, and globalization. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 106 or 108 is recommended.

**398A01 PROFESSIONAL PRACTICE:
INTERNSHIP/COOP IN APPLIED SOCIOLOGY**
1-6 sem. hrs.

Independent experience in applying sociology in a supervised community work setting. Academic requirements include final paper for internship coordinator based on integrative research experience. Maximum 6 hours toward Sociology major. Maximum 16 hours of all 398 towards graduation. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 271 or equivalent is recommended.

**398A02 PROFESSIONAL PRACTICE:
INTERNSHIP/COOP IN
SOCIOLOGICAL RESEARCH**
1-6 sem. hrs.

Practical experience in the design, implementation, analysis, and reporting of social science research through surveys, secondary data analysis, demographic analysis and program evaluation in a research project. May be repeated; maximum 6 hours toward SOC major; maximum 16 hours of all 398 towards graduation. Prerequisites: SOC 271 and 275 or concurrent registration; a minimum of 75 hours completed or consent of the instructor.

**398A03 PROFESSIONAL PRACTICE:
INTERNSHIP/COMPUTING
IN THE SOCIAL SCIENCES**
1-6 sem. hrs.

Introduction to computer applications in social science disciplines. Projects assigned using Web CT format explore the social implications of computer technology in an automated world. Practical experience in maintaining a computer lab facility and tutoring social science students. Maximum 16 hours of all 398 towards graduation. Prerequisites: A minimum of 75 hours completed or consent of the instructor. SOC 271 or 275 or concurrent registration is recommended.

Anthropology Courses (ANT) 464**102 HUMAN ORIGINS: AN INTRODUCTION
TO BIOLOGICAL ANTHROPOLOGY
AND ARCHAEOLOGY** SMT
3 sem. hrs.

Introductory course in biological anthropology, the study of the place of humans in nature, human evolution, and current human biological diversity. Not for credit if had ANT 101 *HUMAN ORIGINS*. Prerequisites: COM 110 and ENG 101 and MAT 113, 120, 130, or 145.

**143 UNITY AND DIVERSITY
IN LANGUAGE** SS
3 sem. hrs.

Study of the structure of language (phonetics, phonology, morphology, syntax, semantics) as it reflects cognition, social relations, cultural conventions, and speech communities. Also offered as ENG/LAN 143. Prerequisites: COM 110 and ENG 101.

**176 CULTURE, POWER, AND
CIVIC LIFE** ICL
3 sem. hrs.

Overview of various contemporary human and global problems from a cross-cultural and anthropological perspective. May not be taken under the CT/NC option. Not for credit if had ANT 175 *CROSS-CULTURAL PERSPECTIVES ON CONTEMPORARY HUMAN PROBLEMS*. Prerequisite: COM 110 or ENG 101.

**185 CULTURES OF THE WORLD: AN
INTRODUCTION TO CULTURAL AND
LINGUISTIC ANTHROPOLOGY** SS
3 sem. hrs.

A survey of many of the world's societies and traditions, examined from an anthropological perspective. Prerequisite: COM 110 or ENG 101 or concurrent registration.

**270 ANTHROPOLOGY OF GENDER AND
SEXUALITY**
3 sem. hrs.

An examination of the position of women, their inter-relationship with men, the assignment of male and female roles, and the conceptualization of gender ideology in various societies and cultures. Formerly *CROSS-CULTURAL PERSPECTIVES ON WOMEN, SEX ROLES, AND GENDER*.

272 NORTH AMERICAN INDIANS
3 sem. hrs.

Comparative survey of selected historic and modern Native American cultures.

273 FOODWAYS
3 sem. hrs.

Comparative study of food habits with emphasis on origins and cultural significance. Prerequisite: ANT 102 or 185 recommended.

274 PRINCIPLES OF ARCHAEOLOGY
3 sem. hrs.

Principles, methods, and techniques of locating and excavating archaeological sites, interpreting archaeological data, and reconstructing past behavior. Prerequisite: Grade of C or better in ANT 102 or consent of the instructor.

277 PRINCIPLES OF LANGUAGE AND CULTURE
3 sem. hrs.

Examination of the social and cultural functions of language, applying anthropological linguistic models to the study of past and present cultures. Prerequisite: Grade of C or better in ANT 185.

278 INTRODUCTION TO ASIAN AMERICA
3 sem. hrs.

This course is a survey of the communities, societies, and cultures of people of Asian descent living in America today.

280 CHEROKEE CULTURE TO 1830
3 sem. hrs.

Examination of Cherokee heritage using anthropological perspectives. Traces the development of Cherokee culture from its beginnings to the nineteenth century.

281 PRINCIPLES OF SOCIO-CULTURAL ANTHROPOLOGY
3 sem. hrs.

The major aspects of sociocultural systems such as marriage, domestic organization, age grades, secret societies, and religion studied from a cross-cultural perspective using a variety of theoretical frameworks. Formerly *PRINCIPLES OF ETHNOLOGY*. Prerequisite: Grade of C or better in ANT 185.

283 NORTH AMERICAN ARCHAEOLOGY
3 sem. hrs.

Prehistoric cultures of North America, from late Pleistocene to the occupation of the continent by Europeans. Origin and development of cultural patterns traced; current problems examined. Prerequisite: A minimum of 45 hours completed or consent of the instructor.

292 CAREERS FOR ANTHROPOLOGY MAJORS
1 sem. hr.

Acquaints students with career opportunities and relates Anthropology skills to those needed in various career situations. Includes job placement skills. Not for credit if had SOC 292. Prerequisites: Grade of C or better in ANT 102 and 185. Major only or consent of the department advisor.

294 JAPANESE SOCIETY AND CULTURE
3 sem. hrs.

Examination of modern Japanese culture, social structure, and institutions from an anthropological perspective.

301 ARCHAEOLOGICAL ANALYSIS OF PREHISTORIC MATERIALS
3 sem. hrs.

An advanced course that uses a combination of lectures and laboratory sessions to explore the methods used in the analysis of prehistoric archaeological materials. Formerly *ARCHAEOLOGICAL ANALYSIS*. Prerequisites: ANT 102; and ANT 274 is recommended, or consent of the instructor.

302 ETHNOGRAPHY
3 sem. hrs.

Study of the techniques used to describe cultural practices and beliefs. Formerly ANT 285. Prerequisite: A minimum of 75 hours completed or consent of the instructor.

303 LATIN AMERICA IN ETHNOGRAPHIC PERSPECTIVE
3 sem. hrs.

Exploration of major trends in the anthropology of Latin America as examined through ethnographic case studies. Prerequisites: A minimum of 75 hours completed or consent of the instructor.

306 REGIONAL AND AREA STUDIES
1-9 sem. hrs.

Intensive study of particular lands, environments, cultures, and peoples. May be repeated if the content is different. Course topic determines subfield placement.

307 JAPANESE DIASPORAS, CULTURE, AND IDENTITY
3 sem. hrs.

Advanced-level survey of globalization theories focusing on Japanese descendants living overseas and "returnees" to Japan as migratory workers.

308 JAPANESE COMMUNICATIVE STRATEGIES
3 sem. hrs.

This course is designed to analyze Japanese culture and society—both historically and contemporarily—via their language and communication. Prerequisite: One of the following (two recommended): ANT/LAN/ENG 143; ANT 277, 294; ENG 243, 342; HIS 275; JPN 112, 115, 116, 231.

338 SOCIAL INTERACTION
3 sem. hrs.

Conversation Analysis, Ethnomethodology; Organization of social interaction; Sense-making in everyday and institutional settings; Achievement of social identities. Formerly SOC 389A76. Also offered as SOC 338. Prerequisite: A minimum of 75 hours completed or consent of the instructor.

342 SOCIOLINGUISTICS
3 sem. hrs.

Social significance of language variation: regional, social, ethnic dialects; attitudes towards variation. Multilingual societies, language choice, language shift, language planning. Also offered as ENG 342.

350 PRINCIPLES OF PALEOANTHROPOLOGY
3 sem. hrs.

Detailed study of human evolution, based primarily on the fossil record, and the processes and scientific principles applicable thereto. Formerly ANT 286 *PALEOANTHROPOLOGY*. Prerequisite: Grade of C or better in ANT 102 or consent of the instructor.

370 ZOOARCHAEOLOGY
3 sem. hrs.

Foundations of zooarchaeology including identification techniques, analytical methods, and interpretation of animal bone assemblages from archaeological sites. Prerequisites: ANT 274 and a minimum of 75 hours completed, or consent of the instructor.

371 HUMAN OSTEOLOGY
4 sem. hrs.

Detailed study of the biology and anatomy of the human skeleton with a focus on identification in forensic and bioarchaeological contexts. Prerequisite: ANT 102 or BSC 101 or 196, or consent of the instructor.

372 HUMAN PALEOPATHOLOGY AND SKELETAL ANALYSIS

3 sem. hrs.

Analysis of pathologies, physical traits, and measurements on human skeletons to reconstruct community health and life ways of extinct cultures. Prerequisite: ANT 102 or 371, or consent of the instructor.

373 ARCHAEOLOGY OF POLITICAL ECONOMY

3 sem. hrs.

Examination of historical and archaeological methods for reconstructing past political economics. Emphasis on past Latin American political and economic organizations. Prerequisite: ANT 102 or 274 or consent of the instructor.

374 INTRODUCTION TO MUSEUM STUDIES

3 sem. hrs.

Examination of the history, organization, and administration of museums as well as the methods of acquisition, preservation and exhibition of artifacts. Prerequisites: A minimum of 75 hours completed or consent of the instructor.

375 LANDSCAPE ARCHAEOLOGY

3 sem. hrs.

Archaeological study of regions, including settlement patterns, natural and cultural environments, and ways humans are shaped by places they inhabit. Prerequisite: ANT 274 or consent of the instructor.

376 THE ARCHAEOLOGY OF GENDER

3 sem. hrs.

Exploration of various archaeological approaches to the interpretation of gender in past societies. Prerequisite: ANT 274 or consent of the instructor.

378 EVOLUTION AND HUMAN BIOLOGICAL DIVERSITY

3 sem. hrs.

Study of human population variation in terms of biological and cultural adaptations to different environments. Offered odd-numbered years. Alternates with ANT 393. Formerly *HUMAN VARIATION AND ADAPTATION*. Prerequisites: ANT 102; a minimum of 45 hours completed or consent of the instructor.

380 KEY CONCEPTS IN ANTHROPOLOGY HISTORY AND THEORY

3 sem. hrs.

Anthropological thought from historical, systematic and applied viewpoint; emphasis on changing content, concepts, methods of the discipline. Prerequisites: ANT 274, 277, 281, 350, and consent of the instructor.

381 ARCHAEOLOGICAL FIELD SCHOOL

1-9 sem. hrs.

Field instruction in methods and techniques of archaeological survey, excavation, preparation and preservation of materials, and record keeping. Materials charge optional. Prerequisite: Consent of the instructor. ANT 274 is recommended.

382 SENIOR THESIS IN ANTHROPOLOGY

3 sem. hrs.

Intensive experience in research and writing on an individually selected topic. Prerequisites: ANT 380 and senior standing, or consent of the instructor.

383 STUDIES IN SELECTED CULTURES

3 sem. hrs.

Culture patterns of selected areas. Topics include physical characteristics, history, social, political, intellectual life, and cultural change. May be repeated if content different. Prerequisite: Consent of the instructor.

384 NORTH AMERICAN ARCHAEOLOGY

3 sem. hrs.

Prehistoric cultures of North America, from late Pleistocene to the occupation by Europeans. Development of cultural patterns traced; current problems examined. Formerly ANT 283. Prerequisite: ANT 102 or 274 or consent of the instructor.

385 MEDIA AND VISUAL ANTHROPOLOGY

3 sem. hrs.

Intersection of visual media and anthropology: ethnographic film, ethics of representation, television and film ethnographies. Visual or written class project. Prerequisites: A minimum of 75 hours completed or consent of the instructor.

386 ARCHAEOLOGY THEORY

3 sem. hrs.

Archeological method and theory from 1800 to the present, emphasizing American archaeology. Prerequisite: ANT 274 or consent of the instructor.

392 ARCHAEOLOGICAL ANALYSIS OF HISTORIC MATERIALS

3 sem. hrs.

Examination of the identification, meaning, and interpretation of the historic material culture excavated and studied by archaeologists. Formerly *ARCHAEOLOGICAL MATERIAL CULTURE*. Prerequisite: ANT 274 or consent of the instructor.

393 PRIMATE BEHAVIOR AND EVOLUTION

3 sem. hrs.

Concentrated examination of various aspects of the primates: their biology, behavior, evolution, and significance for understanding human nature. Offered even-numbered years. Alternates with ANT 378. Formerly *PRIMATE STUDIES*. Prerequisite: A minimum of 45 hours completed or consent of the instructor.

398 PROFESSIONAL PRACTICE: INTERNSHIP/CO-OP IN ANTHROPOLOGY

3-6 sem. hrs.

Supervised field experience in a professional capacity in any Anthropology subdiscipline with appropriate campus, community, state, national, or international agencies, museums, institutes, organizations, or businesses. Maximum 6 hours toward Anthropology major. Maximum 16 hours all 398 towards graduation. Prerequisites: A minimum of 75 hours completed or consent of the instructor. Consent of the Professional Practice Coordinator.

398A02 PROFESSIONAL PRACTICE: RESEARCH ASSISTANT IN ANTHROPOLOGY

3 sem. hrs.

Practical experience in the design, implementation, analysis, and reporting of anthropological research through supervised field or laboratory research experiences. May be repeated; maximum of 6 hours toward the Anthropology major; maximum 16 hours of all 398 courses towards graduation. Prerequisite: A minimum of 75 hours or consent of the instructor.

COLLEGE OF BUSINESS

Dean: Ajay Samant, 401 State Farm Hall of Business.

Website: Business.IllinoisState.edu

College of Business Mission Statement and Core Values:

Mission: Through our shared commitment to excellence in teaching, research, and service, we prepare students to be skilled and ethical business professionals who will make significant positive contributions to organizations, to communities, and to our larger society.

Vision: The first choice for business education in Illinois.

Core Values: We value excellence in instruction and enhanced student learning; We value a dedication to knowledge creation; We value a commitment to citizenship in and service to our institution, state, and nation; We value a culture of shared governance; We value balanced excellence in the classroom, in research and intellectual contributions, and in service; We value high ethical standards as embodied in our Standards of Professional Behavior and Ethical Conduct.

College of Business Programs:

The College offers programs leading to the bachelor's degree with majors in Accountancy, Business Administration, Business Information Systems, Business Education, Finance, Insurance, International Business, Management, and Marketing. Minor programs are also available. The College of Business is accredited by AACSB International—the Association to Advance Collegiate Schools of Business.

The College also offers graduate programs leading to the Master of Business Administration, Master of Science in Accountancy and Master of Professional Accountancy. Detailed information concerning these programs may be found in the *Graduate Catalog*.

Departments in the College of Business are: Accounting; Finance, Insurance and Law; Management and Quantitative Methods; and Marketing.

Admission Requirements:

- A. Beginning freshmen must meet Illinois State University admission requirements prior to being considered into a College of Business major. Admission into the College of Business is selective and considers a prospective freshman's high school transcript (grade trends and rigor of courses completed), grade point average, and ACT/SAT scores, in the decision. Students are strongly encouraged to complete a rigorous high school math sequence as they prepare for admission into a College of Business major.
- B. Transfer students from other universities or colleges and internal transfers (transferring from majors within Illinois State University) are admitted into the College of Business through a competitive and selective process. Transfer students must have met all university admission requirements

(transferring from other universities or colleges) or be in academic good standing (transferring from majors within Illinois State University). The College of Business reserves the right to maintain a balanced enrollment; the number of students who continue in the program may vary from year to year depending on program capacity and the qualifications of students in the pool.

In addition, transfer students must meet the following criteria:

1. Students desiring to transfer with fewer than 45 credit hours completed or in progress when they apply to become a business major are evaluated based upon their college coursework, GPA (where an established GPA exists), and College of Business admission criteria for incoming freshmen.
2. Students desiring to transfer with between 45-59 credit hours completed or in progress when they apply to become a business major are evaluated based upon their college coursework, GPA, and College of Business admission criteria.
3. Students desiring to transfer with 60 credit hours or more completed or in progress when they apply to become a business major are evaluated based upon their college coursework, GPA, and College of Business admission criteria. The College requires that these transfers, in their first semester at Illinois State, complete BUS 100 with a grade of C or better and prove computer competency (spreadsheet usage, presentation software, and Web page construction) through completion of one of the following courses or their equivalents:
 - ACC 167 and 168;
 - IT 150;
 - IAI BUS 902; or
 - By passing College administered competency exams in these areas (ACC 189A67 and ACC 189A68).

Course Equivalent Transfer Policies:

In addition to the general requirements of the University and the College, the following policies apply to transfer students from other academic institutions seeking a business degree:

1. Credit for business and related courses from 2-year institutions may be transferred and applied to the business core but is limited to 100-level (lower-division freshman and sophomore) course placement.
2. Credit for business and related courses from baccalaureate degree granting institutions may be transferred and applied to the business core and to the major if the course for which the credit is being transferred is at the equivalent level of the Illinois State University course, contains the same course content and requires equivalent prerequisites.
3. Each student must successfully complete the college capstone course (MQM 385) and his or her major's des-

igned capstone course at Illinois State University and must earn at least 50 percent of the business credit hours required for the degree at Illinois State University. Please contact an academic advisor for information concerning specific majors' capstone courses.

Standards for Progress in the Major:

All students are limited to 27 credit hours of business course work which is strictly enforced by the College through registration restrictions. Business majors may exceed this limit once they have met Standards for Progress (i.e. continuance) as a business major. **Admission to the major does not imply the student will be accepted for continuance once they have completed 60 credit hours.**

The continuance requirements represent *minimum* standards for a student to continue as a business major. The College reserves the right to maintain a balanced enrollment; the number of students who continue in the program may vary from year to year depending on program capacity and the qualifications of students in the pool. Some students who satisfy the minimum standards may not be allowed to continue in a particular business major or program.

Minimum requirements which allow a student to qualify to continue as a business major are as follows:

1. Complete, with a grade of C or better, the following tool courses: ACC 131, 132; BUS 100; ECO 105; MQM 100 (or ECO 138 or GEO 138 or POL 138 or PSY 138); MAT 121 or 145. (**NOTE:** BE majors must complete MAT 120 or 121 or 144 or 145.)
2. Prove computer competency (spreadsheet usage, presentation software, and Web page construction) through completion of the following: (ACC 167 and 168; IT 150; IAI BUS 902); or by passing College-administered competency exams in these areas (ACC 189A67 and ACC 189A68).
3. Earn an overall Illinois State University GPA of 2.50 or higher on at least 12 completed hours.
4. Accountancy and Business Administration majors must earn a minimum B/C grade combination between ACC 131 and 132, including transfer courses.
5. Accountancy majors must also earn a minimum B/C grade combination between ACC 230 and 231.
6. Business Education majors must earn a 2.50 cumulative and major GPA for continuance in their major and Admission to Professional Education.

Academic Requirements:

The academic requirements of the University apply to all of the programs in the College of Business. In addition, the following special academic requirements apply to all students in the College of Business:

1. Required courses in the major with grades below C will not count toward the graduation requirements of College of Business majors.
2. Students must have a 2.00 GPA or higher at Illinois State in order to graduate with a business degree. Business Education majors must earn and maintain a 2.50 major and cumulative GPA through graduation.
3. Students majoring in business must complete their senior year (30 hours) in residence at Illinois State University. Under unusual circumstances the Dean of the College of Business may grant a modification of this requirement.
4. Each student must successfully complete the college capstone course (MQM 385) and his/her major's designated capstone course at Illinois State University, and must earn at least 50 percent of the business credit hours required for the degree at Illinois State University.
5. Enrollment in 200-level business courses requires 60 completed semester hours. Enrollment in 300-level business courses requires 75 completed semester hours. This policy is strictly enforced.
6. Students who go on probation a second or subsequent time will be dropped from the College of Business.
7. The College of Business strictly enforces a two graded attempt policy for any and all courses included in any business major or minor. As such, the college only allows a student to repeat a course in his or her business major or minor once. If a satisfactory grade is not earned in the second attempt, the student will be dismissed from their College of Business major or minor. Students who earn a WX grade in either attempt must apply for permission to complete a third enrollment. A student may not enroll for a third time in any required course in their business major or minor if he or she has already received letter grades (A, B, C, D, or F) in two previous attempts. Students pursuing majors or minors outside the College of Business that include one or more business courses as requirements will also be held to the College's two-graded attempt policy.
8. Students-at-large and graduate students must apply for permission from the College of Business to register for business courses. Such students will be required to furnish official transcripts to show that prerequisite requirements have been fulfilled. Some courses in the College have restricted and/or limited enrollments and may not be an option. These students, as all non-business majors, are restricted to 27 hours of business course work.

Non-Business Majors:

Non-business majors are limited to no more than 27 credits of business course work.

STRUCTURE OF BUSINESS PROGRAMS:**The Business Core Courses: (44 hours):****100-level (*Freshman/Sophomore level*)**

BUS 100	Enterprise (3 hours)
ACC 131	Financial Accounting (3 hours)
ACC 132	Managerial Accounting (3 hours)
ECO 105	Principles of Economics (4 hours)
ENG 145A13	Language and Composition II: Writing for Business and Government Organizations (3 hours)
FIL 185	Legal, Ethical and Social Environment of Business (3 hours)
MQM 100	Statistical Reasoning (3 hours) or ECO 138 or GEO 138 or POL 138 or PSY 138 (3 hours)
MAT 121	Applied Calculus (4 hours)

200- and 300-level (*Junior/Senior level*):

ACC 270	Information Systems In Organizations (3 hours)
FIL 240	Business Finance (3 hours)
MKT 230	Introduction to Marketing Management (3 hours)
MQM 220	Business Organization and Management (3 hours)
MQM 227	Operations Management (3 hours)
MQM 385	Organizational Strategy (3 hours)

1. All business majors are expected to show proficiency in the usage of electronic spreadsheets (MS Office Excel), presentation software, and Web page construction by course work (ACC 167 and 168; IT 150; IAI BUS 902 or equivalent) or by passing College-administered competency exams in these areas.
2. Majors in Business Education take alternate courses to meet the requirements for MAT 121, MQM 227 and MQM 385 as specified under the program's requirements.
3. Prerequisites for all business courses are strictly enforced and must be successfully completed by the first day of the semester. Please see the course description for individual course prerequisites.

Major Required Courses (21-24 hours):

Most business majors will require an additional 21 or 24 hours of business coursework and electives. See individual major programs for an outline of the requirements.

General Education (39 hours):

The following courses meet General Education requirements in addition to major requirements: MQM 100; ECO 138 or GEO 138 or POL 138 or PSY 138 (Quantitative Reasoning).

Bachelor of Science Graduation Requirements in Science, Mathematics and Technology:

In addition to meeting the requirements for selected majors, the following courses meet the Science, Mathematics and Technology graduation requirements for students earning a B.S. degree: FIL 240, MAT 121, and MQM 227.

University-Wide Electives:

The minimum hours required for graduation are 120. These electives may be business or non-business courses.

Business Courses:**BUS****100 ENTERPRISE
3 sem. hrs.**

Theory and practice of private enterprise. Includes purposes, structures, functional areas and related institutions as well as individual career planning and library research skill development. Prerequisite: ENG 101 or COM 110 or concurrent registration.

**285 BUSINESS FUNDAMENTALS EXAM
0 sem. hr.**

The exam covers all the topics included in the business core curriculum. A minimum score is required. Prerequisite: Concurrent registration in MQM 385.

ACCOUNTING (ACC) 552

301 State Farm Hall of Business, (309) 438-7651

Website: Business.IllinoisState.edu/accounting

Chairperson: Deborah Lynn Seifert.

Tenured/Tenure-track Faculty:

University Professor: Patten.

Professors: Lindberg, Rich.

Associate Professors: Guidry, Hauck, McKean, Midha, Nelson, Nowland, Seifert, Walstrom.

Assistant Professors: Birkey, Graden, Murphy, Ren, Sankara.

General Department Information

The mission of the Department of Accounting is to provide high-quality, student-centered educational programs for students preparing for professional careers in accounting and information systems; to support research and other scholarly activities consistent with these programs; and to perform service activities for the Department, the College of Business, the University, and other organizations consistent with these programs. In addition, our mission includes establishing relationships with outside organizations that support our programs, students, and faculty. Providing introductory and other courses in accounting and information systems to non-major students, as a service to other departments within the College and University, is also fundamental to our mission.

The goals of the Department of Accounting are as follows:

1. Our first priority is to develop student potential through high quality pedagogy and educational experiences.
2. Our second priority is to perform applied, basic, and instructional research that complements our educational programs.
3. Our third priority is to participate in internal and external service activities which complement our educational programs and research activities, and build partnerships with key constituencies.

The curriculum is designed to provide students with the common body of knowledge established by the accounting profession for those entering the profession.

The Department of Accounting offers a 120-hour Bachelor of Science (B.S.) with a major in Accounting and a 150-hour combined Bachelor of Science and Master of Professional Accountancy (B.S./M.P.A.) degrees. Both programs are described below. The B.S. has four sequences of study: Accounting Information Systems, Business Information Systems, Career Specialty, and Financial Accounting. The B.S./M.P.A. has two sequences: Accountancy and Information Systems and Professional Accountancy. Each sequence is intended to provide its graduates with the necessary foundation for a successful career, including the ability to pass professional examinations.

Students should select a sequence based upon their interests and career goals. Department advisors and faculty members are available to counsel students as they make this decision.

Courses completed in the Department of Accounting at this University with grades below C will not count toward the graduation requirements of either the Accountancy Major or Minor, but all grades of D, F, and WX in Accounting courses at this University will be included in computing the cumulative GPA.

Honors Program Requirements:

The Department offers honors work in the different departmental programs to majors who have fulfilled the general requirements for participation in the University Honors Program and completed 60 semester hours with a cumulative Illinois State University GPA of 3.30 (A= 4.00) and a 3.50 GPA in Accounting courses. Students interested in the program should see the departmental advisor. Requirements for honors in the Accounting Honors Program are available in the departmental office. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Program Admission Requirements for New and Continuing Students:

All majors in the Department of Accounting must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specific number of hours, to enroll in courses in the Department. Certain courses are restricted to Accountancy majors only.

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Students considering the separate Master of Science in Accountancy degree program should apply to Graduate School early in their senior year. Students who previously have completed a baccalaureate degree outside of Accounting should consider applying directly into the Master of Science in Accountancy program.

Accountancy Programs

MAJOR IN ACCOUNTANCY

Degree Offered: B.S.

After completing the 100-level Business Core courses, the Accountancy major must complete ACC 230 and 231 with a minimum grade of C in each and a 2.50 GPA in all attempts of these two courses. Prerequisites for ACC 230 and 231 require a minimum B/C grade combination of ACC 131 and 132.

In addition, an Accountancy major must complete requirements under one of the following sequences: Accounting Information Systems, Business Information Systems, Career Specialty, and Financial Accounting. Descriptions of each sequence follow.

Accounting Information Systems Sequence:

This sequence is designed to provide entry-level accountants with information systems and technology skills and competencies as recommended by the International Federation of Accountants (IFAC). This sequence would prepare accountants to be a user of information technology and an evaluator of information systems (e.g., internal or external auditor).

- Students selecting the Accounting Information Systems (AIS) Sequence must complete the following 74 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 260, 261, 263, 270, 363, 370; ECO 105; ENG 145A13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.

Business Information Systems Accounting Sequence:

This sequence is designed to prepare students for entry level accounting positions requiring significant training in Business Information Systems. This preparation is particularly valuable in accounting consulting positions, certain auditing positions, and in many progressive industrial positions.

- Students selecting the Business Information Systems Accounting Sequence must complete the following 74 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 261, 263, 270, (266 and 366) or (260 and 368); ECO 105; ENG 145A13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.

Career Specialty Sequence:

This sequence allows Accountancy majors to design a plan of study that meets their career goals. Students may elect up to 12 hours in another specialized area with advice and approval of academic advisors and Department Chair.

- Students selecting the Career Specialty Sequence must complete the following 62 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 263, 270; ECO 105; ENG 145A13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- Of the 12 hours of career electives, most hours should consist of upper-division courses in a specialized area of study, typically in business, economics, or areas of information technology offered by Accounting (or, if not offered by Accounting, by other departments). A student's plan of specialized study for the Career Specialty Sequence:
 - a) must be developed in the semester following successful completion of ACC 230 and ACC 231;
 - b) must be approved by the Department Chair;
 - c) cannot include more than 6 hours of Accounting electives; and
 - d) will not include courses already completed before approval of the plan of study.

Financial Accounting Sequence:

This sequence is designed to meet the minimum formal accounting-content requirements for a student to sit for the Certified Public Accountant (CPA) examination. Students in this sequence may also prepare to sit for the Certified Management Accountant (CMA) examination and/or the Certified Internal Auditor (CIA) examination.

- Students selecting the Financial Accounting Sequence must complete the following 71 required hours: BUS 100; ACC 131, 132, 230, 231, 232, 233, 235, 263, 270; ECO 105; ENG 145A13; FIL 185, 240, 375; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385; and six hours from the following list of upper-division (200- or 300-level; no more than 3 hours of Professional Practice: Internship credit may be used to satisfy this requirement) Accounting electives: ACC 298, 330, 334, 336, 337, 340, 363, 375, 398.
- **NOTE:** MAT 120 is a prerequisite for MAT 121.
- **NOTE:** No more than 3 internship credit hours can be counted towards the major.

**INTEGRATED BACHELOR OF SCIENCE (B.S.)
MASTER OF PROFESSIONAL ACCOUNTANCY
(M.P.A.):**

Degrees offered: B.S./ M.P.A.

The integrated B.S./M.P.A. Degrees program is primarily oriented toward preparation for professional careers in accounting. Two sequences are offered: (1) Accountancy and Information Systems, and (2) Professional Accountancy. Both sequences permit graduates to meet minimum education requirements to sit for the Uniform Certified Public Accountant (CPA) Examination in Illinois. The Accountancy and Information Systems sequence permits students to emphasize study of information systems related to accounting and other business fields more than the Professional Accountancy sequence, which permits students to study further in such areas as taxation, auditing, financial accounting, managerial accounting, financial management, and information systems.

The 150-hour B.S./M.P.A. program generally includes 30 hours of graduate course work. Successful completion of the integrated program will culminate by granting simultaneously both B.S. and M.P.A. degrees. The B.S./M.P.A. integrated program is designed for students wishing to complete both degrees at Illinois State University. The program is not designed to admit students who have already completed a bachelor's degree.

Students must successfully apply for continuance in the B.S./M.P.A. program in their junior year (after 60 semester hours). Graduate admission would take place after the student has completed approximately 90 hours. Students will be admitted who meet graduate entrance requirements, which include satisfactory performance on the Graduate Management Admission Test (GMAT), their previous academic performance, and other evidence of their ability to successfully complete the program. Admission timing is very important to successfully complete the program so students should regularly consult with their Accounting undergraduate or graduate advisor.

Core courses: Students selecting either sequence must complete BUS 100, ACC 131, 132, 230, 231, 232, 233, 235, 260, 261, 263, 270, 430, 482, 497; FIL 185, 240, 375; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145A13, MAT 121 or 145. **NOTE:** MAT 120 is a prerequisite for MAT 121.

Accountancy and Information Systems Sequence:

In addition to core courses, students must complete (a) 6 hours from ACC 368 and 468; (b) 12 hours of Accounting electives, of which 6 hours are chosen from ACC 431, 434, 435, 439, or 498, and 6 additional hours chosen from ACC 330, 334, 336, 337, 340, 431, 434, 435, 439, or 498; and (c) 6 additional hours of Accounting or business electives.

Professional Accountancy Sequence:

In addition to core courses, students must complete (a) 15 hours of Accounting electives, of which 6 hours are chosen from ACC 431, 434, 435, 439, or 498, and 9 additional hours are chosen from ACC 330, 334, 336, 337, 340, 431, 434, 435, 439; (b) 3 hours from FIL 440, ACC 468, or other approved 400-level elective outside of the accounting discipline; and (c) 6 additional hours chosen from either courses listed in (a) of this paragraph or from ACC 375, 398, 468, 498 (of which no more than 3 hours may be ACC 398 or 498).

NOTE: Students in either sequence who wish to enhance their chances of passing the CPA examination should include in their plan of study the following advanced accounting courses: ACC 330, 334, 336, 337.

Requirements for CPA Examination:

Academic requirements to sit for the CPA examination in Illinois include (1) 150 semester hours of college course work, and (2) a baccalaureate or higher degree, including at least 30 semester hours in accounting at the undergraduate and/or graduate level with at least one course each in financial accounting, auditing, taxation, and management accounting and at least 24 semester hours in business courses (other than accounting) at the undergraduate and/or graduate level. Students graduating with a baccalaureate degree must obtain two credit hours in accounting research, two credit hours in business communication, and three credit hours in business ethics. Students should consult their academic advisor for additional guidance on completing the research, communication, and ethics educational requirements.

Students planning to sit for the CPA examination are advised to complete, at a minimum, the Financial Accounting Sequence of the Accountancy B.S. program. Students should also give serious consideration to completing one or more of the following formal programs of study before leaving the Illinois State campus to begin their professional careers: The Bachelor of Science/Master of Professional Accountancy Program described

above, a Master of Science degree in Accountancy, a Master of Business Administration degree, or one of the other sequences of the Accountancy B.S. (the Accounting Information Systems Sequence, the Business Information Systems Sequence, or the Career Specialty Sequence). Each sequence is 12 hours beyond the Financial Accounting Sequence. Additional information concerning the 150-hour requirement, including recommended areas of course work for students not pursuing an B.S./M.P.A., M.S., or M.B.A. degree, is available from the academic advisors.

MINOR IN ACCOUNTANCY

- 21 hours in Accounting required.
- Required courses: ACC 131, 132, 231, 232.
- 9 elective hours in Accounting courses approved by a departmental advisor.
- These courses must be completed with a grade of C or better. A minimum B/C combination is required between ACC 131 and ACC 132 to continue with the Accountancy minor.

Repetition of Courses in Accounting:

The College of Business only allows students to repeat a course once. Students who earn a “W” grade in either attempt must apply for permission to complete a third enrollment.

MAJOR IN BUSINESS INFORMATION SYSTEMS

Degree Offered: B.S.

- 68 required hours including 44 hours in required core and non-business courses and 24 hours of major course work.
- 44 hours required: ACC 131, 132, 270; BUS 100; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145A13; MAT 121 or 145.
- Business Information Systems required courses (15 hours): ACC 260, 261, 362, 366, 368; and nine hours from the following list of 200- or 300-level Accounting electives: ACC 255, 263, 266, 271, 287 (or 299), 298A01, 363, 370, 398A01. Note: No more than 3 hours of internship credit hours (298A01 and/or 398A01) may count towards the major.

NOTE: Program admission, graduation requirements and program admission standards for the Business Information Systems degree are the same as those that apply to all students in the College of Business. See College of Business section of this *Undergraduate Catalog*.

Accounting Courses

131 FINANCIAL ACCOUNTING

3 sem. hrs.

Introduction to financial accounting. Examines the nature of accounting, basic accounting concepts, financial statements, accrual basis of accounting, the accounting cycle, monetary assets, inventories, fixed assets, current and noncurrent liabilities, and owner's equity. Prerequisite: Completion of 12 hours.

132 MANAGERIAL ACCOUNTING**3 sem. hrs.**

Introduction to managerial accounting. Examines the nature of cost-volume-profit analysis and product costing; investigates budgets and standard costs in planning, control and performance measurements; and employs relevant costs and present value techniques in decision making. Prerequisite: ACC 131.

167 ELECTRONIC SPREADSHEET USAGE**1 sem. hr.**

Introduces the electronic spreadsheet for use as a tool to improve management productivity. Lecture and lab. CR/NC only.

168 INTERNET AND PRESENTATION TOOLS**1 sem. hr.**

Introduces intermediate Web browsing and e-mail techniques, skills on using a Web page editor, and using a presentation software package like PowerPoint. Lecture and lab. CR/NC only.

225 ADVANCED EDUCATION TECHNOLOGY**3 sem. hrs.**

Development of advanced skills in application software. Includes technology in education and training, digital media, and web programming. *Formerly ADVANCED MICRO-COMPUTER APPLICATIONS FOR THE PROFESSIONAL.* Also offered as BE 225. Prerequisite: BE 110.

230 COST AND MANAGEMENT ACCOUNTING**3 sem. hrs.**

Study of managerial accounting concepts in planning, control and decision making. Emphasis on product costing methods, cost drivers, cost-volume-profit analysis, budgets, standard costs, just-in-time implications, relevant costs and capital budgeting decisions. Prerequisites: ACC 132 and MAT 121; minimum grade of B/C combination between ACC 131 and 132; Grade of B or better in ACC 131 and 132 recommended.

231 INTERMEDIATE ACCOUNTING I**3 sem. hrs.**

The study of financial accounting theory and practice relating to monetary assets, inventories, plant assets, intangible assets, current liabilities, contingencies, and stockholders' equity. Present value applications, and preparation of financial statements are examined. The following topics are also overviewed: the environment of financial accounting, the development of accounting standards, and the conceptual framework underlying financial accounting. Prerequisites: ACC 132; minimum grade of B/C combination between ACC 131 and 132; B or better in ACC 131 and 132 strongly recommended.

232 INTERMEDIATE ACCOUNTING II**3 sem. hrs.**

The study of financial accounting theory and practice relating to the following topics: long-term liabilities, dilutive securities, earnings per share, investments, revenue recognition, accounting for income taxes, pension costs, leases, accounting changes, errors, and the preparation of cash flow statements. Prerequisite: Grade of C or better in ACC 231.

233 FEDERAL INCOME TAXATION**3 sem. hrs.**

Study of the basic concepts of federal income taxation as they apply to individuals, partnerships, and corporations. Prerequisite: Grade of C or better in ACC 131 or consent of the department chair.

235 AUDITING**3 sem. hrs.**

The CPA profession, including professional ethics and legal liability; professional auditing standards; evidence; internal control; audit programs and procedures; audit reporting; introduction to operational auditing. Prerequisites: ACC major only; minimum grade of B/C combination in ACC 230 and 231; grade of C or better in ACC 231.

255 ELECTRONIC BUSINESS MANAGEMENT**3 sem. hrs.**

Principles of managing the linkage between organizational strategy and enterprise information technologies, including e-commerce architecture, development and strategy. Prerequisites: MS Office Competency or ACC 167 and 168 or equivalent.

260 COMPUTER PROGRAMMING FOR BUSINESS**3 sem. hrs.**

An introduction to the design and development of computer programs for business application. Emphasis is placed on learning program structure and syntax of a business computer language. Developing applications with a Graphical User Interface (GUI) will be introduced. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent.

261 BUSINESS SYSTEMS ANALYSIS**3 sem. hrs.**

An introduction to the analysis and design of modern information systems. Systems Development Life Cycle (SDLC) and structured methodologies are emphasized. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent; ACC 132 with grade of C or better.

263 ACCOUNTING INFORMATION SYSTEMS**3 sem. hrs.**

Examine the development, implementation, and control of systems used in business and accounting processes. Current technologies used in actual business situations are emphasized. Address the impact these technologies have on the accounting profession. Materials charge optional. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent.

266 LEGACY SYSTEMS PROGRAMMING**3 sem. hrs.**

The study of using legacy systems programming language(s) for the purpose of solving business information requests. Emphasizes structured programming concepts, file processing, report creation, data validation and table handling. Formerly *COBOL*. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent.

270 INFORMATION SYSTEMS IN ORGANIZATIONS
3 sem. hrs.

Management-oriented course covering concepts of business information systems and integration of business information systems with functional areas of organizations. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent; ACC 132; ECO 105 (or ECO 101 and ECO 102); MQM 100; MAT 120; ACC 132 or concurrent registration.

271 INTRODUCTION TO BUSINESS ANALYTICS
3 sem. hrs.

This course will enable students to become aware, comprehend, explore, and manage Business Intelligence on a cross-business disciplinary basis. Utilizes iterative case-based research and analysis techniques. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent.

**298 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE
EDUCATION IN ACCOUNTING**
1-6 sem. hrs.

No more than 3 internship credit hours may count in the major. Prerequisite: Junior standing. See internship Director for information and consent.

**298A01 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE EDUCATION
IN BUSINESS INFORMATION SYSTEMS**
1-6 sem. hrs.

Professional practice internship experience in business information systems or information technology management, under the supervision of a business professional. Students qualifying for this internship experience can receive letter-grade credit hours. No more than 3 internship hours may count in the major. Prerequisite: Junior standing. See the internship coordinator for information and consent.

330 ACCOUNTING FOR NON-PROFIT ENTITIES
3 sem. hrs.

Examination of accounting and financial reporting principles for nonprofit entities including state and local governmental units, colleges, hospitals, and other nonprofit organizations. Prerequisites: Accounting major only; minimum grade of B/C combination in ACC 230 and 231; grade of C or better in ACC 231.

334 ADVANCED TAX
3 sem. hrs.

Study of concepts and issues associated with corporate, partnership, estate and gift taxation. Preparation of tax returns and graduate-level research opportunities. Prerequisite: ACC 233 or consent of the department chair.

336 ADVANCED AUDITING
3 sem. hrs.

In-depth analysis of selected advanced topics in auditing, including professional auditing standards, planning, evidence, internal control, audit sampling, IT auditing, reporting, integrative audit case, internal auditing. Prerequisites: Accounting major only; minimum grade of B/C combination in ACC 230 and 231; ACC 235.

337 ADVANCED FINANCIAL ACCOUNTING
3 sem. hrs.

Specific emphasis on business combinations and consolidated financial statements. Other topics include partnership accounting, international operations, branch accounting, segment reporting and interim statements. Prerequisites: Accounting major only; minimum grade of B/C combination in ACC 230 and 231; ACC 232.

340 INTERNATIONAL ACCOUNTING
3 sem. hrs.

Examines (1) similarities and differences of accounting principles and procedures between the United States and other countries and efforts at standardizing accounting internationally, and (2) accounting for multinational entities, including consolidation of foreign subsidiaries, evaluation of investment projects, and performance evaluation of foreign operations. Prerequisite: Grade of C or better in ACC 132.

**362 ADVANCED BUSINESS SYSTEMS
ANALYSIS**
3 sem. hrs.

The analysis, design, development, and implementation of a complete business information system. Project-based course with various deliverables and presentations. Prerequisites: ACC 261 and 368; ACC 366 or concurrent registration.

**366 ADVANCED BUSINESS DATA
MANAGEMENT**
3 sem. hrs.

Advanced study in the development of computer storage techniques required for business information systems. Techniques are developed for both enterprise and desktop applications. Prerequisites: ACC 260 and 261.

**368 DEVELOPING BUSINESS APPLICATION
SYSTEMS**
3 sem. hrs.

Advanced study in the development of computer programs for business work-group and individual employee information systems. Students will design and develop a comprehensive application appropriate for a functional area of business using the approaches and tools of a consultant. Prerequisites: ACC 260 and 261 or concurrent registration in 261.

**398 PROFESSIONAL PRACTICE:
INTERNSHIP IN ACCOUNTING**
1-6 sem. hrs.

On-the-job professional accounting or BIS experience with a sponsoring commercial firm or government organization. No more than 3 internship credit hours may count in the major. Prerequisites: Senior standing; 2.80 GPA in ACC courses; 2.80 overall GPA and consent of the internship director.

**398A01 PROFESSIONAL PRACTICE: INTERNSHIP
IN BUSINESS INFORMATION SYSTEMS**
1-6 sem. hrs.

Professional practice internship experience in business information systems or information technology management, under the supervision of a business professional. Students qualifying for this internship experience can receive letter-grade credit hours. No more than 3 internship credit hours may count in the major. Prerequisites: Completion of 89 hours and consent of the BIS internship coordinator.

FINANCE, INSURANCE AND LAW (FIL) 548

434 State Farm Hall of Business
Phone: (309) 438-8777; Fax: (309) 438-3579
Website: Business.IllinoisState.edu

Chairperson: Gary Koppenhaver.

Tenured/Tenure-track Faculty:

Professors: Chang, Howe, Kang, Koppenhaver, Ma, Norton, Solberg, Trefzger, C. Varner.

Associate Professors: Ahlgrim, Bouriaux, Joaquin, Kotomin, Pope, Ren, Varma, K. Varner.

Assistant Professors: Liao, Marciukaityte, Sherrill, Tamm,

General Department Information

The Finance Major provides a knowledge base and skills appropriate for a wide variety of functional and managerial activities, profit or nonprofit, which involve banking, corporate finance, insurance, investments, international finance, and real estate.

The Insurance Major provides skills and knowledge appropriate to a wide range of activities in the insurance and the financial services industries. The Insurance Major-Business Information Systems (BIS) Sequence is particularly appropriate for students preparing for careers in information systems within the insurance industry.

Academic Requirements:

All majors in the Department of Finance, Insurance and Law must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in courses in the Department.

Departmental Honors Program Requirements:

- Maintain a 3.30 overall Illinois State University GPA or 3.60 GPA in last 60 hours at Illinois State University;
- Maintain a 3.50 major GPA;
- Complete 9 hours of approved FIL honors course work;
- Complete either FIL 370, Educational Investment Fund, or FIL 299, Honors Independent Study;
- Fulfill the general requirements for participation in the University Honors Program.

Further details about the University Honors program are available at Honors.IllinoisState.edu.

Finance Programs

Degree Offered: B.S.

MAJOR IN FINANCE

General Finance Sequence:

- 68 required hours including:
- Required courses (56 hours): BUS 100; ACC 131, 132, 270; FIL 185, 240, 241, 242, 341, 349; MKT 230; MQM 100 (or ECO 138), 220, 227, 385. In addition, ECO 105; ENG 145A13; and MAT 121 or 145 must be completed.

- Elective courses (12 hours) selected from: FIL 246, 250, 260, 318, 340, 342, 343, 344, 345, 346, 347, 353, 360, 361, 370, 380A04, 381, 398; ACC 231; ECO 239; or appropriate courses approved by the Departmental advisor.
- **NOTE:** Advising concentrations have been established to direct studies toward career specializations for Finance majors. Students are strongly urged to contact the departmental advisor for details.

MINOR IN FINANCIAL PLANNING

- 18 hours required in Finance, Insurance and Law and Accounting classes. For non-business majors the required hours, including prerequisites, totals 25 hours (21 hours of business, 4 hours of economics).
- Required courses: ACC 233; FIL 220 or 242; FIL 250, 342, 345, 371. See prerequisites below.
- All required courses must be completed with a grade of C or better.
- **NOTE:** Non-business majors are restricted to no more than 24 hours of business instruction.
- **NOTE:** No more than 9 hours from major program of study may be applied to minor.

Prerequisites for required courses:

- ACC 233: A grade of C or better in ACC 131.
- FIL 220: ACC 131; ECO 105 (or 101 and 102).
- FIL 242: ACC 131, 132, ECO 105; FIL 240; MAT 120; MQM 100.
- FIL 250: A minimum of 45 hours completed.
- FIL 342: ACC 233; FIL 220 or 242; FIL 250.
- FIL 345: FIL 220 or 242; FIL 250.
- FIL 371 (or co-requisite): FIL 342 and 345.

MAJOR IN INSURANCE

General Insurance Sequence:

- 68 required hours including:
- Required courses (59 hours): BUS 100; ACC 131, 132, 270; FIL 185, 240, 250, 350, 352, 354, 355; MKT 230; MQM 100 (or ECO 138), 220, 227, 385. In addition, ECO 105; ENG 145A13; and MAT 121 or 145 must be completed.
- 9 hours of electives chosen from: FIL 242, 342, 345, 346, 351, 353, 380A04, 382, 398A10 or appropriate courses approved by the Departmental advisor.
- **NOTE:** FIL 398A10 is strongly recommended in addition to required courses.

Insurance-Business Information Systems (BIS) Sequence:

- 68 required hours, including:
- Required courses (68 hours) including: BUS 100; ACC 131, 132, 261, 270, 362, (266 and 366) or (260 and 368); FIL 185, 240, 250, 350, 352, 354; MKT 230; MQM 100 (or ECO 138), 220, 227, 385. In addition, ECO 105; ENG 145A13; and MAT 121 or 145 must be completed.

MINOR IN INSURANCE

- 18 hours required in Finance Insurance and Law courses.
- Required courses: FIL 185, 240, 250, and three of the following courses: FIL 342, 345, 350, 351, 352, 353, 354, 355, 380A04, 382, 398A10 (3 hours).
- NOTE: At least half (with a minimum of nine) of the credit hours for a minor must be distinct from any hours the student counts toward a major within the same department or school.

Finance, Insurance and Law Courses**141 PERSONAL FINANCIAL LITERACY FOR THE COLLEGE STUDENT QR**
3 sem. hrs.

Development of skills that promote financial responsibility by exploring the relationship between careers and money management. Not for Teacher Licensure. Also offered as BE 141.

185 LEGAL, ETHICAL AND SOCIAL ENVIRONMENT OF BUSINESS
3 sem. hrs.

Emphasis on business ethics and corporate social responsibilities. Areas of concentration include contracts, torts, agency and business associations, government regulation of business, securities, labor, and employment law. Prerequisites: A minimum of 15 hours completed. ECO 105 or 103.

198A01 PROFESSIONAL PRACTICE: FINANCE/INSURANCE INTERNSHIP
1-6 sem. hrs.

On-the-job experience in finance or insurance arranged through the Department coordinator and completed under the supervision of a finance or insurance professional. Prerequisite: Consent of the department chair.

220 PERSONAL INVESTING
3 sem. hrs.

Provides understanding of securities traded in financial markets, investment theory and practice, portfolio construction and management, and investment strategies. Not for credit if had FIL 242. Not for graduation credit for Finance, Insurance and Law and Business Administration majors. Prerequisites: ACC 131; ECO 105; A minimum of 45 hours completed, or consent of the department chair.

240 BUSINESS FINANCE
3 sem. hrs.

Principles and problems of planning and managing assets of business. Formulation, acquisition and utilization of funds and capital structure examined. Prerequisites: Junior standing; MQM 100 (or ECO 138 or GEO 138 or POL 138 or PSY 138); ACC 132; ECO 105.

241 FINANCIAL MARKETS
3 sem. hrs.

Participants, structure and functions of the major domestic and international financial markets. Prerequisites: Grade of C or better in FIL 240. Business major only.

242 INVESTMENTS
3 sem. hrs.

A survey of investment media, concepts, and techniques to provide an understanding of the investment process in the economic and financial environment. Prerequisites: Grade of C or better in FIL 240. Business major only.

246 CORPORATE FINANCIAL STATEMENT ANALYSIS
3 sem. hrs.

Financial statement analysis and interpretation from the managers', investors', and creditors' perspectives. Proforma statements, heavy emphasis on spreadsheet use. Prerequisites: Grade of C or better in FIL 240. Business major only.

250 INTRODUCTION TO RISK AND INSURANCE
3 sem. hrs.

Fundamental issues of risk management and insurance in property, liability, life and health areas. Principles of marketing, underwriting, rate making and loss adjusting. Prerequisite: A minimum of 45 hours completed.

260 REAL ESTATE PRINCIPLES
3 sem. hrs.

Principles of real estate, including legal aspects of real estate, appraisal, investment, mortgage financing, home-ownership, and brokerage industry functions. Prerequisites: A minimum of 45 hours completed. A grade of C or better in FIL 240. Business major only.

298 PROFESSIONAL PRACTICE: FINANCE INTERNSHIP/COOPERATIVE EDUCATION
1-6 sem. hrs.

Directed projects or experience related to the student's career interests in finance, arranged through the department coordinator and completed under the supervision of a business professional. Prerequisites: A minimum of 45 hours completed and consent of the department chair.

298A10 PROFESSIONAL PRACTICE: INSURANCE INTERNSHIP/COOPERATIVE EDUCATION
1-6 sem. hrs.

On-the-job experience in insurance arranged through the Department coordinator and completed under the supervision of an insurance professional. Prerequisites: Junior standing and consent of the department chair.

311 GOVERNMENT REGULATIONS OF BUSINESS
3 sem. hrs.

Analysis of government legal and regulatory activity as it applies to business. Prerequisites: Grade of C or better in FIL 185. Business major only.

312 INTERNATIONAL BUSINESS LAW
3 sem. hrs.

Case study international business law. Jurisdiction and application of foreign law, international regulation of economic activities, and issues of comparative law. Prerequisites: Grade of C or better in FIL 185. Business major only.

318 MANAGEMENT OF FINANCIAL INSTITUTIONS
3 sem. hrs.

Financial institutions as business firms, with emphasis on depository institutions: industry structure, regulation, asset and liability management strategies. Prerequisites: FIL 240 and 218 or 241 with a grade of C or better. Business major only.

340 SHORT-TERM FINANCIAL MANAGEMENT**3 sem. hrs.**

Analysis of working capital management; cash budgeting; financial analysis and planning; short-term financing decisions. Prerequisites: FIL 240 with a grade of C or better; FIL 218 or 241 or concurrent registration. Business major only.

341 INTERMEDIATE BUSINESS FINANCE**3 sem. hrs.**

Theory and practice of capital management. Topics include evaluation of risks, determination of capital structures, measures of costs and returns, allocation of capital, financial planning and models, and a survey of working capital issues. Prerequisites: Grade of C or better in FIL 240; FIL 218 or 241 or concurrent registration. Business major only.

342 ESTATE PLANNING**3 sem. hrs.**

Describes process of developing an estate plan. Topics include federal estate/gift taxes, wills, probate, trusts from a financial planning perspective. Prerequisites: FIL 220 or 242, FIL 250, and ACC 233.

343 SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT**3 sem. hrs.**

Characteristics of financial assets and markets; evaluation of securities; selecting and combining securities into portfolios; portfolio models and measurement of portfolio performance. Prerequisites: Grade of C or better in FIL 242. Business major only.

344 INTERNATIONAL FINANCIAL MANAGEMENT**3 sem. hrs.**

Financial management of multinational corporations, including balance of payments, foreign exchange markets and international money and capital markets. Prerequisites: Grade of C or better in FIL 240. Business major only.

345 RETIREMENT PLANNING AND EMPLOYEE BENEFITS**3 sem. hrs.**

Topic includes retirement savings need analysis, qualified and non-qualified plan design, Social Security, group life, health, and disability insurance. Prerequisites: FIL 220 or 242; FIL 250.

346 FIXED INCOME ANALYSIS AND PORTFOLIO MANAGEMENT**3 sem. hrs.**

Analysis of fixed income securities, derivatives, and portfolio management strategies. Prerequisites: FIL 241 and 242.

347 FINANCIAL FUTURES, OPTIONS AND SWAPS**3 sem. hrs.**

Evaluate financial futures, options and swap instruments and market characteristics; analyze pricing models, hedging and trading strategies, portfolio insurance; trading techniques. Prerequisites: Grade of C or better in FIL 242 or consent of the department chair. Business major only.

349 ADVANCED FINANCIAL THEORY AND PROBLEMS**3 sem. hrs.**

An advanced coverage of financial theory and its applications to cases and problems; modeling and simulation. Not for graduate credit for MBA students. Prerequisites: Grade of C or better in FIL 341 and additional 6 hours in Finance. Finance major only.

350 PROPERTY INSURANCE**3 sem. hrs.**

Identify and measure property direct and indirect loss exposures and insurance coverages used to transfer such exposures. Prerequisite: Grade of C or better in FIL 250.

351 LIFE AND HEALTH INSURANCE**3 sem. hrs.**

Personal and business risks. Principles of life and health insurance and their applications. Prerequisite: Grade of C or better in FIL 250.

352 LIABILITY INSURANCE**3 sem. hrs.**

Identify and measure liability loss exposures and insurance coverages used to transfer such exposures, including concepts of negligence and liability. Prerequisite: Grade of C or better in FIL 250.

354 RISK MANAGEMENT**3 sem. hrs.**

Management's role in treating non-speculative risks to which business is exposed. Emphasis on recognition, evaluation, and treatment of risks. Prerequisites: Grade of C or better in FIL 350 and 352.

355 INSURANCE COMPANY OPERATIONS**3 sem. hrs.**

Insurance company operations include underwriting claims handling, ratemaking, reinsurance, investments, and loss control. The course focuses on these company functions. Prerequisite: FIL 250.

360 REAL ESTATE INVESTMENT AND FINANCE**3 sem. hrs.**

Decision-making analysis in real estate investment and financing. Emphasis on financial leverage, cash-flow analysis, taxation, risk, mortgages. Prerequisites: Grade of C or better in FIL 260. Business major only.

361 REAL ESTATE LAW**3 sem. hrs.**

A study of the law related to fixtures, the ownership and transfer of real property, and landlord/tenant relations. Not for credit if had FIL 380A03 *SEMINAR IN REAL ESTATE LAW*. Prerequisites: FIL 185; FIL 260 or concurrent registration. Business major only.

370 EDUCATIONAL INVESTMENT FUND**4 sem. hrs.**

Management of an actual equity portfolio, including development and presentation of recommendations to a board of investment professionals. Prerequisites: FIL 242; FIL 241 or concurrent registration.

371 FINANCIAL PLAN DEVELOPMENT**3 sem. hrs.**

Uses the financial planning process to develop skills for working with individuals, families, and business owners in meeting financial objectives. Prerequisites: FIL 342 and 345, or concurrent registration.

375 LAW FOR ACCOUNTANTS**3 sem. hrs.**

Accountants' legal responsibilities, anti-trust, bankruptcy, federal securities regulation, insurance, regulation of employer and employee relationships, secured transactions, suretyship, and other topics for the professional accountant. Prerequisites: 24 hours of ACC; FIL 185 or 208 with a grade of C or better.

380 SEMINAR IN THE LEGAL ENVIRONMENT OF BUSINESS**3 sem. hrs.**

Selected topics in law and its relationship to business. Topics may include new developments in public and private law as it relates to business persons. May repeat with consent of the department chair. Prerequisite: Consent of the department chair.

380A04 ETHICS LEADERSHIP AND CORPORATE RESPONSIBILITY**3 sem. hrs.**

This course provides students with an in-depth study of individual and corporate ethics. Prerequisite: FIL 185.

381 SEMINAR IN FINANCE**1-4 sem. hrs.**

Selected topics in finance. Topics may include new developments in the field as they relate to business people and industry. May repeat with consent of the department chair. Prerequisite: Consent of the department chair.

381A02 PROFESSIONAL PROBLEMS IN FINANCE**1-4 sem. hrs.**

Intensive study of contemporary problems in finance with a strong orientation toward preparation for the FA examination. Prerequisite: Consent of the department chair.

382 SEMINAR IN INSURANCE**1-4 sem. hrs.**

Selected topics in Insurance. Topics may include new developments in the field as they relate to business, industry, and consumer. May repeat with consent of the department chair. Prerequisite: Consent of the department chair.

382A03 SEMINAR IN INSURANCE LAW**3 sem. hrs.**

This introductory course in law is designed to introduce students to the basic legal principles and issues of insurance. Prerequisites: FIL 185; consent of the department chair.

382A04 SUSTAINABILITY, RISK MANAGEMENT AND INSURANCE**3 sem. hrs.**

This course examines overarching risks, their connections, and common causes; reviewed from a high, strategic level perspective. Prerequisite: Grade of B or better in FIL 250 or consent of the department chair.

382A05 ANALYSIS OF INSURANCE COMPANIES**3 sem. hrs.**

Students will analyze annual statement data of insurance companies to help assess financial performance. Prerequisites: FIL 240, 250.

398 PROFESSIONAL PRACTICE: FINANCE INTERNSHIP**1-12 sem. hrs.**

Directed projects or administrative experience related to the student's career interests, arranged through the department coordinator and completed under the supervision of a business professional. Usually no more than 3 hours credit awarded for 1-semester work assignment. Prerequisites: A minimum of 75 hours completed; 3.00 overall GPA or consent of the department chair.

398A10 PROFESSIONAL PRACTICE: INSURANCE INTERNSHIP**1-12 sem. hrs.**

On-the-job experience in insurance arranged through the department coordinator and completed under the supervision of an insurance professional. Prerequisites: FIL 250; 3.00 overall GPA or consent of the department chair.

MANAGEMENT AND QUANTITATIVE METHODS (MQM) 558

250 State Farm Hall of Business, Phone: (309) 438-5701
Website: Business.IllinoisState.edu

Chairperson: Alex Barelka.

Tenured/Tenure-track Faculty:

Distinguished Professor: Devinatz.

Professors: Balasubramaniam, Bantham, Choudhury, Downes, Fazel-Sarjui, Hemmasi, Hoelscher, Jawahar, Lust, Radhakrishnan, Ringer, Salegna.

Associate Professors: Barelka, Foreman, Goodman, Hartman, Lahiri, Liu, Noel, Ribbens, Sheep.

Assistant Professors: Datta, Dustin, Engler, Galloway, Jia, Martinez, Thompson, Winkel.

General Department Information

Management and Quantitative Methods (MQM) houses three broad majors: Management, Business Administration, and International Business. These majors prepare students for professional management careers in business, industry, and government. Three sequences in the Management major allow students to concentrate on skills needed by general managers (Organizational Leadership), specialists in personnel and human resources (Human Resource Management), or by those interested in careers in or starting their own small business (Entrepreneurship and Small Business Management).

Academic Requirements:

All majors in the Department of Management and Quantitative Methods must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including a specified number of hours, to enroll in courses in the Department.

Management and Quantitative Methods Programs

Degree Offered: B.S.

MAJOR IN MANAGEMENT

- 65 required hours including 44 hours in required core and non-business courses and 21 hours in a required MQM major sequence.
- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; ECO 105; ENG 145A13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385;
- At least 24 of the required hours at the 200- and 300-level must be taken in residence at Illinois State University.
- The senior year's work must be taken in residence at Illinois State University.

Management and Quantitative Methods 253

One of the following major sequences must be completed.

Entrepreneurship and Small Business Management Sequence:

- Required sequence courses (15 hours): MQM 221, 223, 224, 226, 326.
- Elective sequence courses (6 hours): IB 225; either MQM 322 or 323, 335, 340, or either MQM 287 or 398.
- **NOTE:** Only one of MQM 287 or 398 will count towards major.
- **NOTE:** Only one of MQM 322 or 323 will count towards major.

Human Resource Management Sequence:

- Required courses (15 hours): MQM 221, 323, 324, 352, 354.
- 6 additional hours selected from: MQM 350 or IB 245 or 398; MQM 340, 355, 356, 357, 383, or related course with consent of the Department Chairperson. Example of related 3-hour courses include: ECO 225, 326, 327, FIL 313, PSY 375 and SOC 255.
- **NOTE:** Only one of IB 245 or MQM 398A01 will count towards major.

Organizational Leadership Sequence:

- Required courses (15 hours): MQM 221, 380, 382, 383, and either 384 or 386.
- 6 hours selected from: MQM 215, 223, 323, 335, 340, 384, 386, 398; MQM 350 or IB 245 or MQM 398.
- **NOTE:** Only one of IB 245 or MQM 287 or 398 will count toward major.

MINOR IN BUSINESS ENVIRONMENT AND SUSTAINABILITY

- 25 hours required.
- Required courses (7 hours): ECO 105; MQM 220.
- Foundation courses (6 hours): Business Foundation (3 hours): MQM 323 or MKT 230; Sustainability Foundation (3 hours): ECO 255 or MKT 236.
- Environmental Systems (3 hours): Choose from: AGR 203, BSC 202, 365, GEO 205, 276, HSC 156.
- Social Systems (3 hours) Choose from: AGR 201, COM 210, 274, ECO 202, 236, GEO 313, 334, PHI 234, 236, POL 236, 254, 357, PSY 223 or SOC 223; SOC 240, 330, TEC 275, 329.
- Applied Courses (6 hours): Choose from: FIL 382A04, MKT 339A12, MQM 340A15, 340A16, 398, MKT 398; or independent study (a maximum of 3 hours of independent study may be used for credit in this minor).
- **NOTE:** No more than 9 hours of courses may be selected from the student's first or second major department.

MINOR IN ORGANIZATIONAL LEADERSHIP

- 19 hours in required courses.
- Required courses: ECO 105; MQM 220, 221, 380, 382, and one of the following: MQM 340, 383, 384 or 386.
- **NOTE:** The Minor in Organizational Leadership is not available to majors outside the College of Business.

Business Administration Program

Degree Offered: B.S.

MAJOR IN BUSINESS ADMINISTRATION

- 68 required hours including 44 hours in required core and non-business courses and 24 hours of major course work.
- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; FIL 185, 240; MKT 230; MQM 100, 220, 227, 385; ECO 105; ENG 145A13; MAT 121 or 145.
- In addition to business core courses, the Business Administration major must select 24 hours of major course work from the options below:
- Required courses (18 hours): ACC 230, 255; FIL 242; MKT 232; MQM 221, 335.
- 3 additional hours from: ACC 340, FIL 312, 344, MKT 350 or MQM 349, 350.
- 3 additional hours (one course) at the 300-level within the College of Business.

MINOR IN BUSINESS ADMINISTRATION

- Required courses: MAT 120 or 121 or 144 or 145; ACC 131 132; ECO 105; FIL 185, 240; MKT 230; MQM 100 (or ECO 138 or GEO 138 or POL 138 or PSY 138); MQM 220.
- **NOTE:** The Business Administration Minor is not available to majors in the College of Business.

DEPARTMENTAL HONORS IN MANAGEMENT AND QUANTITATIVE METHODS**Requirements for Admission:**

The student must:

1. Be a full time student at Illinois State University;
2. Be a declared major in Management and Quantitative Methods;
3. Have a minimum cumulative GPA of 3.30 and at least 3.50 in his or her major (on a 4.00 scale);
4. Complete an interview with the Management and Quantitative Methods Departmental Honors Program Coordinator;
5. Apply and be accepted into the University Honors Program and submit an application for Departmental Honors to the Management and Quantitative Methods Program Coordinator.

Requirements for Successful Completion of the Program:

1. Completion of all requirements for the major in MQM.
2. Minimum overall GPA of 3.30 at graduation with at least 3.50 GPA in the MQM major.
3. Completion of 12 semester hours of Honors work in the MQM major, including:
 - a. 3 semester hours of MQM 220 (Honors section);
 - b. 6 semester hours of either in-course Honors in any 200- or 300-level MQM course or Honors Undergraduate Research Participation (HON 285 or 286);

1). **In-Course Honors:** The student may obtain an In-Course Honors contract in the Honors Office. A proposition to modify normal course requirements such that the proposed changes will permit demonstration of exceptional achievement shall be recorded on the In-Course Honors contract by the student and the professor. The proposal must be agreed to by the professor and returned to the Honors Office within the first 10 days of class.

2). **Undergraduate Research Participation:** Students may earn 1-3 hours of Honors credit by working with a Management and Quantitative Methods professor on a faculty research project. Possible projects are listed in a URP notebook in the Honors Office as well as on the bulletin board just inside the Honors Office front door. Students may also approach a professor about working on a project for URP credit.

- c. 3 semester hours of Honors Independent Study MQM 299.

Benefits of Departmental Honors:

Students who complete the program will have Departmental Honors designation placed on both their transcript and diploma. Students in the MQM Departmental Honors Program are eligible for Honors early registration and special advisement opportunities in the MQM department.

For more information about joining the Honors Program, please make an appointment with an Honors advisor by calling (309) 438-2559. Further details about the University Honors program are available at Honors.IllinoisState.edu.

Management and Quantitative Methods Courses**100 STATISTICAL REASONING QR
3 sem. hrs.**

Application of statistical concepts to decision problems confronting organizations and individuals. Includes descriptive tools, probability concepts, sampling processes, statistical inference, regression, and nonparametric procedures. Includes computer applications. Not for credit if had ECO 138 or GEO 138 or POL 138. May not be taken under the P/NP option. Prerequisite: MAT 120, 121, 144 or 145.

200 PROFESSIONAL AND CAREER DEVELOPMENT**1 sem. hr.**

This course develops an understanding of the job search process; skills needed to achieve a successful search; and professionalism related to early career issues. Not for credit if had MQM 289A02. Prerequisites: Declared COB major and a minimum of 45 hours completed.

220 BUSINESS ORGANIZATION AND MANAGEMENT**3 sem. hrs.**

Organization theories and the role of managers as leaders. Planning and control systems, decision-making, and human considerations. Prerequisites: ECO 101 or 103 or 105; a minimum of 45 hours completed.

221 ORGANIZATIONAL BEHAVIOR AND ADMINISTRATION**3 sem. hrs.**

Organization analysis focusing on motivation, perception, communication, coordination, and change. Administrative problems examined by theories of individual and group behavior. Not for credit if had PSY 376. Prerequisite: Grade of C or better in MQM 220.

223 INTRODUCTION TO SMALL BUSINESS**3 sem. hrs.**

A study of small businesses and owner management. Includes basic knowledge necessary to successfully start up, run, and grow a small business. Prerequisite: Grade of C or better in MQM 220.

224 ENTREPRENEURSHIP I**3 sem. hrs.**

A study of new venture creation. This course teaches idea generation, idea analysis, breakeven analysis, and the development of a feasibility study. Prerequisite: Grade of C or better in MQM 220.

226 ENTREPRENEURSHIP II**3 sem. hrs.**

Assessment of new venture opportunities culminating in the detailed development of all elements of a professionally written business plan. Prerequisites: Grade of C or better in MQM 220 and 224.

227 OPERATIONS MANAGEMENT**3 sem. hrs.**

Issues related to managing the processes by which organizations transform resources into quality goods and services. Topics include operations strategy, project management, quality management, and inventory management. Prerequisites: MS Office competency or ACC 167 and 168 or equivalent. ACC 132; ECO 105 (or ECO 101 and 102); MAT 120; MQM 100 (or ECO 138 or GEO 138 or POL 138 or PSY 138).

298A01 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MANAGEMENT**1-6 sem. hrs.**

Internship experiences in general management, human resource management, production/operations management or management information systems, arranged through the department coordinator. Prerequisite: A minimum of 45 hours completed.

298A02 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN BUSINESS ADMINISTRATION**1-6 sem. hrs.**

Internship experiences in general management, human resource management, production/operations management or management information systems, arranged through the department coordinator. Prerequisite: A minimum of 45 hours completed.

323 HUMAN RESOURCES MANAGEMENT**3 sem. hrs.**

Principles and procedures relating to human resources management, including staffing, appraisal, training, compensation, and other programs for business and other organizations. Prerequisite: Grade of C or better in MQM 220.

324 INDUSTRIAL RELATIONS MANAGEMENT**3 sem. hrs.**

Managing employment relations and work conditions. Emphasis on negotiating, administering labor agreements, and impact of collective bargaining on managerial practice. Prerequisite: Grade of C or better in MQM 220.

326 SMALL BUSINESS FIELD STUDIES**3 sem. hrs.**

Working in teams, students gain experiences as small business consultants. Students acquire first hand knowledge of business by dealing with ongoing businesses through the course of an entire semester. Prerequisites: Grade of C or better in MQM 220 and 224; MQM 226 or concurrent registration.

328 ENTREPRENEURSHIP AND THE ARTS I**3 sem. hrs.**

The course examines entrepreneurship within the context of the fine arts and provides an overview of topics such as understanding financial statements, analyzing market opportunities, and understanding the legal environment. It culminates in a feasibility study for a new business. Prerequisites: A minimum of 45 hours completed and CFA major.

335 QUALITY CONTROL MANAGEMENT**3 sem. hrs.**

Introduces the basic concepts and models used in quality management. Emphasis is placed on the organizational and behavioral dimensions of a quality management program. Prerequisite: MQM 227 or consent of instructor.

340 SEMINAR IN MANAGEMENT**3 sem. hrs.**

Specialized study of a selected topic in the field of management for advanced students. May be repeated once if the topic is different. See following topics. Prerequisite: MQM 220 or 221.

340A11 MANAGEMENT OF EMPLOYEE BENEFITS**3 sem. hrs.**

Introduction to employee benefit component of compensation function. Prerequisites: MQM 220 and 221.

340A14 ENTREPRENEURSHIP AND INNOVATION**3 sem. hrs.**

This course will provide an overview of theoretical models and tools necessary for understanding and analyzing innovation in business and ways in which the concomitant organizational change can be managed. Prerequisites: MQM 220, 221, and 223.

340A15 CORPORATE SOCIAL RESPONSIBILITY**3 sem. hrs.**

This course is designed for students to think about corporations in a broader context, beyond “to maximize profit” and recognize that shareholders are only one important corporate component. For advanced students to engage in research or intensive study under the guidance of a professor. Prerequisite: MQM 220.

340A17 COMPETING IN EMERGING MARKETS**3 sem. hrs.**

This course will focus on the recognition and evolution of emerging markets (EM). Prerequisite: MQM 220 or 221.

340A18 SOCIAL, POLITICAL, AND ECONOMIC ISSUES IN ENTREPRENEURSHIP**3 sem. hrs.**

Students will learn about social, political, and economics issues that impact entrepreneurship. Prerequisite: MQM 220 or 221.

340A19 HR METRICS AND ANALYTICS**3 sem. hrs.**

This course is an advanced study in Human Resource Management concerning statistical and financial analytics specific to the discipline. Prerequisites: MQM 220 or 221 and consent of the instructor.

340A20 HIGH-IMPACT LEADERSHIP: A SKILLS BASED APPROACH**3 sem. hrs.**

An in-depth exploration and practical development of skills that enable influential leadership at the interpersonal, group, and organizational levels. Prerequisite: MQM 220 or 221.

349 BUSINESS IN A MULTICULTURAL ENVIRONMENT**3 sem. hrs.**

Business operations in a multicultural environment. Relationship between the business process and social attitudes, values, ideologies, and customs with special emphasis on Asia, Latin America, and the Middle East.

350 INTERNATIONAL MANAGEMENT**3 sem. hrs.**

Managerial decision making for planning, organizing, and controlling the functions, operations, and resources of multinational corporations. Prerequisite: Grade of C or better in MQM 220.

352 RECRUITMENT AND SELECTION**3 sem. hrs.**

Advanced course focusing on the relationship between recruitment and selection activities and their impact on other human resource functions and organizational performance. Prerequisite: Grade of C or better in MQM 323.

354 COMPENSATION MANAGEMENT**3 sem. hrs.**

Compensation subsystem as a vital component in establishing a workplace system that stimulates employee performance. Prerequisite: Grade of C or better in MQM 323.

356 FOUNDATIONS OF HUMAN RESOURCE DEVELOPMENT**3 sem. hrs.**

Examines theoretical foundations of human resource development and includes employee orientation, technical training, career development, management development, and diversity training.

380 LEADERSHIP: TEAMS AND TEAM DEVELOPMENT**3 sem. hrs.**

The critical issues in groups and teams are examined within organizational settings. Emphasis is on work teams in organizations and the issues of effectiveness, performance, and conflict. Prerequisite: Grade of C or better in MQM 221 or concurrent registration.

382 ORGANIZATIONAL LEADERSHIP**3 sem. hrs.**

Emphasis is on leadership and motivation as directive functions of management that are instrumental for achieving high quality performance and organization member satisfaction. Techniques for enhancing one’s individual leadership skills are utilized. Prerequisite: Grade of C or better in MQM 221 or concurrent registration.

383 LEADING ORGANIZATIONAL CHANGE**3 sem. hrs.**

Critical issues in organizational change including power, culture, change strategies, and resistance to change are examined and applied to diversity in the organization and its markets. Prerequisite: Grade of C or better in MQM 221 or concurrent registration.

384 LEADERSHIP: DECISION MAKING AND PLANNING**3 sem. hrs.**

A consideration of managerial decision making in organizations. Specific emphasis on strategic, program, and operational level planning decisions, techniques, and systems. Prerequisite: Grade of C or better in MQM 221 or concurrent registration.

385 ORGANIZATIONAL STRATEGY**3 sem. hrs.**

Integration of the decision-making processes involved in each of the major functional areas of business. Materials charge optional. Prerequisites: ACC 166 or ACC 270; FIL 185, 240; MQM 220, 227; MKT 230, all with grades of C or better. Senior standing. Concurrent registration with BUS 285. Business major only.

386 LEADERSHIP AND ORGANIZATIONAL CULTURE**3 sem. hrs.**

The meaning and impact of culture in organizations, including the role of leadership in creating, managing and changing culture. Prerequisite: Grade of C or better in MQM 221 or concurrent registration.

398A01 PROFESSIONAL PRACTICE: INTERNSHIP IN MANAGEMENT**1-6 sem. hrs.**

Students qualifying for this internship experience can receive letter-grade credit hours of which 3 hours can be counted toward the Management Major. See the department coordinator for information. Prerequisites: Primarily for junior/senior Management majors with at least 90 hours completed. Experience in general management, human resource management, entrepreneurship/small business, or quality and operations management required.

**398A02 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE EDUCATION
IN BUSINESS ADMINISTRATION
1-6 sem. hrs.**

Students qualifying for this internship experience can receive letter-grade credit hours, of which 3 hours can be counted toward the BUA Major. See Department coordinator for information. Prerequisites: Primarily for junior/senior BUA majors with at least 90 hours completed.

**398A03 PROFESSIONAL PRACTICE:
INTERNSHIP IN MANAGEMENT
1-6 sem. hrs.**

Students qualifying for this internship experience will receive CR/NC hours only, of which 3 hours can be counted toward the Management Major. See the department coordinator for information. Prerequisites: Primarily for junior/senior Management majors with at least 90 hours completed. Experience in general management, human resource management, entrepreneurship/small business, or quality and operations management required.

**398A04 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE EDUCATION
IN BUSINESS ADMINISTRATION
1-6 sem. hrs.**

Students qualifying for this internship experience will receive CR/NC hours only, of which 3 hours can be counted toward the BUA Major. See the department coordinator for information. Prerequisites: Primarily for junior/senior BUA majors with at least 90 hours completed.

International Business (IB) 546

Degrees Offered: B.A., B.S.

The Baccalaureate program in International Business provides a specialized curriculum for students interested in business focused on the global environment. Their career may include working abroad, working for a multinational or working in a globally diverse firm. This interdisciplinary program, administered by the Department of Management and Quantitative Methods, combines course work in general and international business, foreign language, and area studies. Through a concentration in a business area, the program combines coursework in international business and a functional area of business. The required international business courses provide solid exposure to the unique dynamics of international business. Area studies and foreign language requirements further enhance the students' international experience. Study abroad experiences are an essential element of the international business program. It is required that every international business major participate in a study abroad program or complete an international internship unless they receive an exemption from the program director.

The International Business program is divided into a common business core applicable to all business students, the International Business core, a concentration in a functional area, the Languages, Literatures, and Cultures requirement, and area studies requirements. Sixty hours of course work must be taken outside of the College of Business.

MAJOR IN INTERNATIONAL BUSINESS

- 62 required hours including 44 hours in required core, 18 hours in International Business major required and elective courses.
- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; ECO 105; ENG 145A13; FIL 185, 240; MAT 121 or 145; MKT 230; MQM 100, 220, 227, 385.
- 18 hours of International Business coursework.
- Required courses (9 hours): FIL 312, IB 225, MQM 349.
- International functional courses (6 hours): Select two from the following: ACC 340, FIL 344, MKT 350, MQM 350.
- Elective hours (3 hours): Select one of the following courses: ACC 340, ECO 245, FIL 344, IB 245, 398, MKT 350, MQM 350 (if not taken to satisfy other requirements).
- Business Functional Area Requirement (9 hours): All students must take a 9 hour concentration in a functional area of business: Accounting, Business Information Systems, Finance, Insurance, Management, and Marketing.
- Languages, Literatures, and Cultures requirement (6-8 hours): All Students must take two language courses at least through the 116-level, regardless of proficiency (proficiency credit may not be used towards the major).
- Area Studies requirement: two courses (6 hours) from Languages, Literatures, and Cultures; Geography; History; Interdisciplinary Studies; or Politics and Government. Consult with the advisor for a list of approved courses. The area studies courses must support the foreign language.
- International Experience requirement: Students must complete one of the following three options:
 1. An approved study abroad.
 2. An approved internship (IB 398)
 3. An exemption requested from the IB Program Director.

MINOR IN INTERNATIONAL BUSINESS

A minor in International Business is only available to students who major in the College of Business.

- 22 hours required.
- IB 225 and 9 hours to be chosen from: ACC 340, FIL 312, 344, IB 245, MKT 350, MQM 349, 350.
- 4 hours required in Languages, Literatures, and Cultures at least through the 115-level.
- 6 hours of area studies electives from Geography, History, Politics and Government, or Interdisciplinary Studies. Consult with advisor for specific courses.

BUSINESS STUDY ABROAD

The College of Business has partner institutions in various parts of the world including Europe, Asia, and the Americas. Additional partnerships are under development. The College sponsors both summer study abroad programs

and semester programs as well as some opportunities for international internships. Students begin exploring study abroad early in their studies but expect to do the study abroad during their junior year in most cases. Students should consult with their advisor early to plan international coursework and the transfer of credits earned abroad. Study abroad programs are conducted in English or the language of the respective country at the partner universities. Beyond the College of Business exchanges, many of the ISU exchanges also offer some business courses. Please see the Office of International Studies and Programs website for the current list of College of Business programs and other study abroad opportunities or make an appointment to meet with the Director of the International Business Program. The best place to begin is with your academic advisor since they can help you plan the best time for you to travel for your degree.

International Business Courses (IB)

225 UNDERSTANDING THE GLOBAL BUSINESS ENVIRONMENT

3 sem. hrs.

Explores theory and practice of doing business in today's complex global environment in the context of governments, economies, and societies. Formerly IB 190 *INTRODUCTION TO INTERNATIONAL BUSINESS*. Prerequisite: ECO 105.

245 BUSINESS STUDY ABROAD

1-6 sem. hrs.

Encompasses any studies related to College of Business Studies Abroad. 3 hours may count as major elective in the areas in the following programs: Business Administration, Finance, Insurance, International Business, Management, and Marketing. Prerequisites: A minimum of 45 hours completed; consent of coordinator.

245A02 BUSINESS STUDY ABROAD: ANGERS, FRANCE, ORIENTATION

3 sem. hrs.

Prerequisites: A minimum of 45 hours completed; consent of coordinator.

245A04 BUSINESS STUDY ABROAD: PADERBORN, GERMANY, ORIENTATION

3 sem. hrs.

245A07 BUSINESS STUDY ABROAD: BRISTOL, ENGLAND, ORIENTATION

3 sem. hrs.

245A08 BUSINESS STUDY ABROAD: QUERETARO, MEXICO, ORIENTATION

3 sem. hrs.

245A12 BUSINESS STUDY ABROAD: ANGERS, FRANCE

2-15 sem. hrs.

245A14 BUSINESS STUDY ABROAD: PADERBORN GERMANY

3-15 sem. hrs.

245A17 BUSINESS STUDY ABROAD: BRISTOL, ENGLAND

3-15 sem. hrs.

245A18 BUSINESS STUDY ABROAD: QUERETARO, MEXICO

3-15 sem. hrs.

245A19 BUSINESS STUDY ABROAD: METZ, FRANCE

3-15 sem. hrs.

245A20 BUSINESS STUDY ABROAD: TOKYO, JAPAN

3-15 sem. hrs.

245A21 BUSINESS STUDY ABROAD: HANZE, NETHERLANDS

3 sem. hrs.

245A22 BUSINESS STUDY ABROAD: EUROPE

1-6 sem. hrs.

245A23 BUSINESS STUDY ABROAD: ASIA

1-6 sem. hrs.

245A24 BUSINESS STUDY ABROAD: AFRICA

1-6 sem. hrs.

245A25 BUSINESS STUDY ABROAD: CENTRAL AND SOUTH AMERICA

1-6 sem. hrs.

245A26 BUSINESS STUDY ABROAD: AUSTRALIA

1-6 sem. hrs.

298A01 PROFESSIONAL PRACTICE: INTERNATIONAL BUSINESS INTERNSHIP

1-3 sem. hrs.

On-the-job experience in international business. Students qualifying for the internship experience can receive 3 credit hours that can be counted toward the number of hours required for graduation. The internship experience should be arranged through the International Business internship coordinator. Prerequisite: A minimum of 45 hours completed.

398A01 PROFESSIONAL PRACTICE: INTERNSHIP IN INTERNATIONAL BUSINESS

1-6 sem. hrs.

On-the-job experience in international business. Students qualifying for the internship experience can receive up to 6 credit hours of which 3 can be counted towards a major elective. Prerequisites: Primarily for junior/senior International Business majors with at least 90 hours completed.

MARKETING (MKT) 559

352 College of Business Building, (309) 438-7261

Fax: (309) 438-3508

Website: Business.IllinoisState.edu

Chairperson: Kimberly Judson.

Tenured/Tenure-track Faculty:

Professors: Bakir, Beggs, Goebel, Humphreys, Hunter, Judson, Showers, Taylor.

Associate Professors: Ishida-Lambert, Kaufman, Longfellow, Melton, Mountjoy.

Assistant Professors: Black, Chang, Davis, Delpechitre, Donovan, Goad,

General Department Information

The Marketing Department offers and administers two degree programs: Marketing and Business Education.

Academic Requirements:

All students with majors offered by the Department of Marketing must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in courses in the Department.

Marketing Program

Degree Offered: B.S. in Marketing

Marketing is a flexible degree that qualifies graduates for a variety of leadership positions in the selling, distribution, pricing, and advertising of goods and services for both profit and non-profit organizations.

MAJOR IN MARKETING

- 68 required hours including 44 hours in required core and non-business courses and 24 hours in Marketing major required and elective courses.
- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; ECO 105; ENG 145A13; FIL 185, 240; MAT 121 or 145; MKT 190 or 230; MQM 100, 220, 227, 385.
- Marketing major required courses (9 hours): MKT 231, 232, 338.
- Marketing major elective courses: (15 hours selected from): MKT 233, 234, 236, 245, 310, 311, 324, 325, 326, 329, 331, 332, 333, 334, 335, 337, 339, 345, 350, 398A01, 398A03, 398A04. NOTE: Up to 3 hours of MKT 287, and 398A01 may be counted as part of the 12 hours listed above.
- The senior year's work (last 30 hours) must be completed in residence at Illinois State University.

Students may choose to major with a general Marketing degree or specialize in one of the following sequences:

Advanced Marketing Analytics Sequence

- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; ECO 105; ENG 145A13; FIL 185, 240; MAT 120, 121, 144 or 145; MKT 190 or 230; MQM 100, 220, 227, 385.
- Marketing major required courses (9 hours): MKT 231, 232, 338.
- Required sequence courses (9 hours): ACC 271 or IT 244; MKT 245, 345.
- Advanced Marketing Analytics elective courses (9 hours selected from): ACC 263, 366; GEO 303; IT 344; MKT 311, 339A13, 398A05 (3 hours).
NOTE: Up to 3 hours of MKT 287 and 398A05 may be counted as part of the 9 hours listed above.
- The senior year's work (last 30 hours) must be completed in residence at Illinois State University.
- All courses required in the major must be completed with a grade of C or better.

Integrated Marketing Communication Sequence:

- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; ECO 105; ENG 145A13; FIL 185, 240; MAT 121 or 145; MKT 190 or 230; MQM 100, 220, 227, 385.
- Marketing major required courses (9 hours): MKT 231, 232, 338.
- Required sequence courses: MKT 233, 333.
- Integrated Marketing Communication elective courses: (9 hours selected from): COM 178, MKT 234, 331, 332, 339A05, 339A09, 398A04 (3 hours).
NOTE: Up to 3 hours of MKT 287, and 398A04 may be counted as part of the 9 hours listed above.
- The senior year's work (last 30 hours) must be completed in residence at Illinois State University.

Professional Sales Sequence:

- The 44 hours of required core and non-business courses include the following: BUS 100; ACC 131, 132, 270; ECO 105; ENG 145A13; FIL 185, 240; MAT 121 or 145; MKT 190 or 230; MQM 100, 220, 227, 385.
- Marketing major required courses (9 hours): MKT 231, 232, 338.
- Required sequence courses: MKT 234, 334.
- Professional Sales sequence elective courses: (9 hours selected from): MKT 311, 324, 325, 326, 329, 398A03.
NOTE: Up to 3 hours of MKT 287, and 398A03 may be counted as part of the 9 hours listed above.
- The senior year's work (last 30 hours) must be completed in residence at Illinois State University.

MINOR IN BUSINESS ANALYTICS

- 27 hours required. (Courses requiring prerequisites, if not already taken, may result in an increase in total hours.)
- Foundation courses (9 hours): IT 150 or MS Competency; MQM 100 or equivalent; MKT 190 or 230.
- Advanced applied elective courses (9 hours selected

from): ACC 263, 366, GEO 303, IT 344, 345, MKT 311, 339A13, 345.

- NOTE: A qualifying internship, with the approval by the Marketing chairperson, may count for up to three hours toward the Minor.
- NOTE: At least half (with a minimum of 9) of the credit hours for a minor must be distinct from any hours the student counts toward a major within the same department of school.

Marketing Courses

190 MARKETING FUNDAMENTALS AND CAREER CHOICES

3 sem. hrs.

Introduces how organizations achieve performance goals through strategic marketing development and implementation. Emphasizes critical thinking, quantitative skills, and career opportunities. Not for credit if had MKT 230 *INTRODUCTION TO MARKETING MANAGEMENT*. Prerequisites: ECO 105 and 42 hours completed. Marketing majors only.

230 INTRODUCTION TO MARKETING MANAGEMENT

3 sem. hrs.

A managerial approach to the study of such key decision areas as advertising, distribution, pricing and product development as well as other concepts and activities that facilitate exchange and build relationships between buyers and sellers in the environments of business and nonbusiness organizations. Prerequisite: ECO 105 or (101 and 102) or 103.

231 BUYER BEHAVIOR

3 sem. hrs.

Theory and research on explaining and predicting consumer and organizational buying behavior. Course examines concepts that have implications for marketing management decisions. Prerequisite: Grade of C or better in MKT 190 or 230.

232 MARKETING RESEARCH

3 sem. hrs.

Examines marketing research methods and techniques used in the collection and interpretation of primary and secondary data. Hands-on experience is gained through participation in one or more research projects. Prerequisites: A grade of C or better in MQM 100 (or ECO 138 or GEO 138 or POL 138 or PSY 138) and MKT 190 or 230.

233 FOUNDATIONS OF INTEGRATED MARKETING COMMUNICATION

3 sem. hrs.

Provides an introduction to and foundation for integrated marketing communication (IMC). Coverage will include brand strategy, management, and measurement, overview of promotional mix tools, and secondary research tools for situation analysis as the foundation for IMC planning. Prerequisite: Grade of C or better in MKT 190 or 230.

234 PERSONAL SELLING AND RELATIONSHIP MARKETING

3 sem. hrs.

Presents personal selling as a professional marketing activity; coverage of effective selling methods. Application of selling theories to the modern marketing concept. In-class presentations and role playing exercises are typical. Interactive Learning Systems Technology is used in all sections. Materials charge optional. Prerequisite: A grade of C or better in AGR 214 or MKT 190 or 230.

236 BUSINESS ETHICS, SOCIAL RESPONSIBILITY AND SUSTAINABILITY

3 sem. hrs.

Focuses on business ethics and ethical decision-making, corporate social responsibility, corporate governance, sustainability and risk management issues related to sustainability. Prerequisite: MKT 190 or 230.

245 INTRODUCTION TO MARKETING ANALYTICS

3 sem. hrs.

Introductory data analysis tools and techniques utilized in predictive analytics, with the goal of deriving actionable intelligence from marketing data. Prerequisites: MKT 190 or 230; and MKT 232.

298 PROFESSIONAL PRACTICE: INTERNSHIP/COOPERATIVE EDUCATION IN MARKETING

1-6 sem. hrs.

Primarily for students with less than 89 hours earned. Does not count toward the MKT Major. CR/NC only. See department chair for information and consent. Prerequisite: Junior standing.

310 MARKETING LOGISTICS AND SUPPLY CHAIN MANAGEMENT

3 sem. hrs.

Analysis and development of integrated physical distribution systems: applications of quantitative methods for regarding movement and storage of raw materials and finished goods. Prerequisites: MKT 190 or 230, 231, 232.

311 MARKETING AND SALES FORECASTING

3 sem. hrs.

The role of forecasting in marketing decision making, and the systematic steps involved in conducting a forecasting project. Prerequisites: MKT 190 or 230, 231, 232, or concurrent registration.

324 ADVANCED PROFESSIONAL SELLING AND NEGOTIATIONS

3 sem. hrs.

Course is designed to enhance the student's ability and confidence to effectively negotiate win-win solutions through highly experiential and real world-based projects. Materials charge optional. Prerequisites: MKT 190 or 230 and 234.

325 KEY ACCOUNT AND RELATIONSHIP MANAGEMENT**3 sem. hrs.**

The course focuses on major account management, the supply chain; purchasing units; segmentation and targeting organizational markets; team selling and management. Materials charge optional. Prerequisites: MKT 190 or 230, 234.

326 PROFESSIONAL SALES PLANNING AND ANALYSIS**3 sem. hrs.**

Course involves analyzing territory market potential, developing call schedules, territory routing routines, and account goals, managing sales budgets, and sales person job shadowing. Materials charge optional. Prerequisite: MKT 234.

329 PURCHASING POLICIES AND PROCEDURES**3 sem. hrs.**

Purchase of materials, supplies, and equipment for industry, government, and other institutions. Organization for purchasing, internal requisitioning, and stock control. Significant case analysis is typical. Prerequisite: Grade of C or better in MKT 190 or 230.

331 DEVELOPMENTS IN IMC STRATEGIES**3 sem. hrs.**

Provides in-depth coverage of IMC strategies including mobile, search engine, and digital marketing, product placement, sponsorship and event marketing, etc. Formerly *SUPPORT STRATEGIES FOR IMC*. Prerequisites: MKT 190 or 230, 231, 232, 233.

332 IMC CREATIVE STRATEGY AND DESIGN**3 sem. hrs.**

Provides an overview of the creative strategy development process within an integrated marketing communication (IMC) framework. Includes detailed coverage and application of elements and principles of creative strategy and design. Prerequisites: MKT 190 or 230, 231, 232, 233.

333 INTEGRATED MARKETING COMMUNICATION**3 sem. hrs.**

This course is designed to overview and experience the integrated marketing communication (IMC) planning process through a client project. In addition to exploring the IMC or promotional strategy planning process, within a marketing strategy framework in class sessions, students will gain experience in developing an IMC plan based on a thorough market/situation analysis for real clients. Prerequisites: MKT 231, 232, 233.

334 SALES MANAGEMENT**3 sem. hrs.**

Theory, principles, and practices of sales force administration for manufacturing, wholesaling, and service enterprises. Topics include recruiting, training, compensation, and performance appraisal. Computer simulation gaming is typical. Prerequisite: MKT 234.

335 RETAILING MANAGEMENT AND PROMOTION**3 sem. hrs.**

Management and operation of retail firms. Emphasis on location analysis, pricing, inventory control, merchandising and promotion. Experiential assignments are typical. Prerequisite: Grade of C or better in MKT 190 or 230.

338 STRATEGIC MARKETING MANAGEMENT**3 sem. hrs.**

Development, implementation, and control of the marketing plan. Short and long-run perspectives are considered equally important. Includes analysis of actual and hypothetical cases. Computer simulation gaming is typical. Prerequisites: MKT 231 and 232.

339 SEMINAR IN MARKETING**3 sem. hrs.**

A specialized study of important, narrow areas in the field of marketing for advanced students. Recent topics include direct marketing, logistics/physical distribution, sales/market forecasting, advanced marketing research, advanced professional selling, and services marketing. Computer simulation gaming is typical. May be repeated once if topic and instructor is different (see the following topics). Prerequisites: MKT 231, 232, or consent of the department chair.

339A05 SERVICES MARKETING**3 sem. hrs.**

Prerequisites: MKT 231, 232, or consent of the department chair.

339A13 BRAND MANAGEMENT AND ANALYTICS**3 sem. hrs.**

This course will provide students with advanced knowledge and practical skills necessary to make day-to-day and long-term brand-related decisions. Prerequisite: MKT 231, 232, or consent of the department chair.

339A14 SPORT MARKETING**3 sem. hrs.**

This course provides an introduction to successful sports business and marketing; will use industry research and examples to cover topics including sports markets, fan development, brand management, media audiences, media rights and revenue, live sports events, sponsorship, merchandise and retail; and introduce students to career paths in the sports industry, as well as tracking events in the industry. Prerequisite: MKT 233, 234, or concurrent registration.

339A15 EMARKETING**3 sem. hrs.**

This course will include a full mix of academic theory as well as software-related eMarketing practitioner training. Prerequisite: MKT 230 or equivalent.

345 ADVANCED MARKETING ANALYTICS**3 sem. hrs.**

Advanced data analysis tools and techniques utilized in marketing analytics, with the goal of forming strong customer relationships. Prerequisites: MKT 190 or 230; MKT 232 and 245.

350 INTERNATIONAL MARKETING

3 sem. hrs.

Understanding the global marketing environment and developing marketing strategies across national boundaries. The political, economic, and cultural variables which influence such strategies are identified. Recent cross-cultural research and real world cases clarify concepts and their application. Prerequisite: Grade of C or better in MKT 190 or 230.

**398A01 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE
EDUCATION IN MARKETING**

1-6 sem. hrs.

Those qualifying for this internship/coop experience can receive letter-grade credit, and up to 3 credit hours can possibly be counted toward the Marketing major. See department chair for information and consent. Prerequisites: Junior standing. Primarily for students with a minimum of 89 hours completed.

**398A02 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE
EDUCATION IN MARKETING**

1-6 sem. hrs.

Those qualifying for this internship/coop experience will receive CR/NC hours only, none of which can be counted toward the Marketing major. Contact the department chair for information and consent. Prerequisites: Primarily for students with a minimum of 89 hours completed.

**398A03 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE
EDUCATION IN PROFESSIONAL SALES**

1-6 sem. hrs.

Those qualifying for this internship/coop experience can receive letter-grade credit, and up to 3 credit hours can possibly be counted toward the Marketing major. Contact the department chair for information and consent. Prerequisites: Junior standing. Primarily for students with a minimum of 89 hours completed.

**398A04 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE
EDUCATION INTEGRATED
MARKETING COMMUNICATION**

1-6 sem. hrs.

Those qualifying for this internship/coop experience can receive letter-grade credit, and up to 3 credit hours can possibly be continued toward the Marketing major. Contact the department chair for information and consent. Prerequisites: Junior standing. Primarily for students with a minimum of 89 hours completed.

**398A05 PROFESSIONAL PRACTICE:
INTERNSHIP/COOPERATIVE
EDUCATION IN ADVANCED MARKETING
ANALYTICS**

1-6 sem. hrs.

Those qualifying for this internship/coop experience can receive letter-grade credit, and up to 3 credit hours can possibly be counted toward the Marketing major. Contact the department chair for information and consent. Prerequisites: Junior standing. Primarily for students with at a minimum of 89 hours completed.

BUSINESS EDUCATION (BE) 556

General Information

The Business Education program focuses on developing business, marketing, and computer educators/trainers through the pursuit of Illinois State University's conceptual framework for teacher education: Realizing the Democratic Ideal. This program prepares graduates for teaching positions and business positions across a broad base of business disciplines.

Students should note that:

1. Majors must meet the academic, admission, and transfer requirements of the College of Business. Non-majors must have the prerequisites, including the specified number of hours, to enroll in Business Education.
2. At least 60 hours of credit toward the bachelor's degree must be taken outside the College of Business and in subject areas other than business.
3. Students shall plan programs in consultation with an advisor.

Business Education Programs

Degrees Offered: B.A., B.S., B.S. in Ed.

MAJOR IN BUSINESS EDUCATION

Business Education includes (1) a study of the concepts and properties in modern business environments, including accounting, business law, information processing, educational technologies, quantitative analysis, management, marketing, and finance; (2) the development of cognitive, psychomotor, and affective skills in the content areas listed related to the use of tools, materials, processes, resources, technologies, principles, and products as well as their impact on society; and (3) the professional competencies of planning, implementing, and evaluating instruction and training.

Business Teacher Education Sequence:

Degrees offered: B.A., B.S., or B.S. in Ed.

(K-12 Specialist Endorsement)

Students should note that:

1. Majors must earn and maintain a 2.50 GPA for Admission to Professional Studies (see the University-Wide Teacher Education program requirements section of this Undergraduate Catalog for further information). Also, Business Education majors must have a minimum GPA of 2.50 in the major and at ISU in order to be eligible to student teach.
2. For the Business Teacher Education sequence, minimum Pre-Clinical Experiences totaling 100 clock hours shall be completed prior to student teaching. Several BE and COE courses include required clinical hours.

3. The sequence is a performance-based program (PBA). In the PBA system, students pass three Milestones. In addition to regular coursework and campus-wide teacher education performance assessments, Business Teacher Education students complete interviews, essays, check sheets, attend college colloquial, and prepare a summative program portfolio, edTPA. All teacher education candidates must pass edTPA as required by the State of Illinois. All teacher education candidates must pass all Milestones as required by ISU and the state for graduation. See the Business Education coordinator and/or advisor for further details.
4. Students desiring the cooperative career and technical education credentials are required to complete BE 380 and 382 and complete 2,000 hours of non-teaching work experience in business.

The sequence embraces the ISU conceptual framework by addressing standards from Illinois Professional Teaching Standards, Illinois Business, Marketing, and Computer Education Content Standards, Illinois Core Language Arts Standards, Illinois Core Special Education Standards for all teachers and Core Technology Standards for teachers. These standards were established by the Illinois State Board of Education (ISBE), Council for Accreditation of Education Preparation (CAEP), International Society for Technology in Education (ISTE), and the National Association of Business Teacher Education (NABTE).

The Business Teacher Education program is part of the entitlement programming leading to the K-12 Specialist in Business, Marketing, and Computer Education endorsement. Initial employment opportunities include elementary, middle level and junior high level business and computer instruction/technology coordination; high school business, marketing, and computer teacher/coordinator, school/district computer teacher, business/industry trainer/instructor, and business professional. Graduates will be prepared to teach basic business, introduction to business, accounting, record keeping, business law, information processing, keyboarding, computer applications, consumer economics, personal finance, marketing, entrepreneurship, business communications, digital/multimedia, and web design.

Student teaching comprises a full semester experience with approximately six weeks in an elementary and/or middle level setting (5 credit hours) and approximately ten weeks in a secondary level setting (7 credit hours). Prior to student teaching, students complete at least 100 pre-clinical hours of field experience with a minimum of 30 hours in an elementary/middle school level setting and 70 hours in a secondary setting.

Required courses:

- 122 semester hours.
- Business courses (27 hours): ACC 131, 132, 270; BUS 100; FIL 185, 240; MKT 230; MQM 100, 220.
- Business Education courses (28 hours): BE 110, 140, 225, 260, 322, 330, 354, 361 (1 hour), 362, 363, 364.
- Professional Education (26 hours): EAF 228 or 231 or 235; TCH 210, 212, 216, 219; STT 399A05 Student Teaching (12 hours).

- Courses outside of the major (41 hours): COM 110; ECO 105; ENG 101; MAT 120 or 144; General Education (27 hours from all general education disciplines).
- Optional Business Computer Programming Specialization (9 hours): Students receive 6 hours of programming through required Business Education courses. Students are recommended to complete BE 365 as the third course. Students may also select ACC 266, TEC 243.

Training and Development Sequence:

Degrees offered: B.A., B.S.

(Non-Teaching Licensure Program)

Majors must earn and maintain a 2.50 GPA for Admission to Professional Studies (see University-Wide Teacher Education program requirements in this Undergraduate Catalog).

The sequence embraces the ISU conceptual framework by addressing standards from Illinois Professional Teaching Standards, Illinois Business, Marketing, and Computer Education Content Standards, Illinois Core Language Arts Standards, Illinois Core Special Education Standards for all teachers and Core Technology Standards for teachers. These standards were established by the Illinois State Board of Education (ISBE), Council for Accreditation of Education Preparation (CAEP), International Society for Technology in Education (ISTE), and the National Association of Business Teacher Education (NABTE).

Graduates will be prepared to work as a business/industry trainer/instructor, and business professional.

A 12-credit hour internship will be required for graduation in this sequence. Prior to the internship, students complete a minimum of 100 pre-clinical hours of field experience in a business or educational setting.

Required courses:

- 122 total semester hours.
- Business courses (27-39 hours): ACC 131, 132, 270; BUS 100; FIL 185, 240; MKT 230; MQM 100, 220; Internship.
- Business Education courses (28 hours): BE 110, 140, 225, 260, 322, 330, 354, 361 (1 hour), 362, 363, 364; or substitute courses as approved by the program coordinator.
- Professional Education courses (14-26 hours): EAF 228 or 231 or 235; TCH 210, 212, 216, 219; STT 399A05 Student Teaching (12 hours).
- Courses outside of the major (41 hours) required: COM 110; ECO 105; ENG 101; MAT 120 or 144; General Education courses (27 hours) from all general education disciplines.

NOTE: TCH 212, 216, and 219 must be taken sequentially and cannot be taken at the same time.

CLINICAL EXPERIENCES IN BUSINESS EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Business Education Courses

110 EDUCATION TECHNOLOGY

3 sem. hrs.

Skills and concepts related to keyboarding, web page design, desktop publishing, programming concepts, and current/new educational technologies. Mastery of MS Office must be demonstrated. Includes clinical experience: 10 hours; at the K-8 level. Formerly *INPUT TECHNOLOGIES AND ADVANCED DOCUMENT CREATION*.

140 BUSINESS COMMUNICATION

3 sem. hrs.

Oral, written, and electronic communication practices in business. Communication skills will be improved through solution of practical business problems. Materials charge optional. Prerequisite: ENG 101 or concurrent registration.

141 PERSONAL FINANCIAL LITERACY FOR THE COLLEGE STUDENT QR**3 sem. hrs.**

Development of skills that promote financial responsibility by exploring the relationship between careers and money management. Not for Teacher Licensure. Also offered as FIL 141.

225 ADVANCED EDUCATION TECHNOLOGY**3 sem. hrs.**

Development of advanced skills in application software. Includes technology in education and training, digital media, and web programming. *Formerly ADVANCED MICRO-COMPUTER APPLICATIONS FOR THE PROFESSIONAL.* Also offered as ACC 225. Prerequisites: BE 110.

260 FOUNDATIONS OF BUSINESS EDUCATION**2 sem. hrs.**

Historical background and current status of Business Education emphasizing professional responsibilities of teachers and principles of curriculum construction. Prerequisite: TCH 212, 216, or concurrent registration.

322 ENTREPRENEURSHIP STUDY FOR THE BUSINESS TEACHER**3 sem. hrs.**

Provides future business teachers with content knowledge to teach a high school entrepreneurship course.

330 DECISION-MAKING FOR CONSUMERS**3 sem. hrs.**

Survey of consumer problems, trends, and information. Topics include: insurance, housing, credit, life-styles, consumer protection, leisure, and achieving financial security. Also offered as FCS 330.

354 EDUCATIONAL TECHNOLOGY INFORMATION SYSTEM: PLANNING AND IMPLEMENTATION**3 sem. hrs.**

Understand the role of information technology systems in educational settings. Includes developing skills in evaluating hardware and software, developing technology plans and policies, implementing and evaluating technology systems, using the Internet to solve educational/learning issues, and keeping current with technological innovation. Prerequisites: BE 225 and MQM 220 with a grade of C or better.

361 ACCOUNTING METHODS**1 sem. hr.**

Methods of teaching accounting. Prerequisites: BE 260 or concurrent registration. Admission to Professional Studies.

362 BASIC BUSINESS AND MARKETING INSTRUCTION**3 sem. hrs.**

Methods of teaching basic business, consumer economics, and marketing. Formerly *BASIC BUSINESS, ACCOUNTING, AND MARKETING INSTRUCTION.* Prerequisites: BE 260 or concurrent registration. Admission to Professional Studies.

363 METHODS OF TEACHING KEYBOARDING, INFORMATION PROCESSING, AND COMPUTER APPLICATIONS**3 sem. hrs.**

Instructional strategies in the teaching of keyboarding and computer applications at the junior high and high school levels. Prerequisites: BE 225, 260 or concurrent registration. Admission to Professional Studies or admission to a graduate program.

364 TEACHING KEYBOARDING AND INFORMATION PROCESSING IN ELEMENTARY SCHOOLS**1 sem. hr.**

Methods of teaching keyboarding and information processing for elementary students. Includes Clinical Experiences: 5 hours. Prerequisites: BE 363, or concurrent registration. Admission to Professional Studies.

365 PROGRAMMING FOR MOBILE APPS**3 sem. hrs.**

Develop the skills necessary to teach mobile programming. Prerequisites: BE 225, concurrent registration, or consent of the instructor.

380 ORGANIZATION AND ADMINISTRATION OF CAREER AND TECHNICAL COOPERATIVE EDUCATION PROGRAMS**3 sem. hrs.**

Planning and organizing a cooperative program; emphasis on recruitment, selection of training stations, student placement, and operation of cooperative plan. Includes Clinical Experiences: 5 hours. Also offered as FCS 380.

382 COORDINATION TECHNIQUES OF CAREER AND TECHNICAL COOPERATIVE EDUCATION PROGRAMS**3 sem. hrs.**

Coordination techniques needed for high school and post-secondary teacher coordinators in integrating classroom activities with daily employment. Includes Clinical Experiences: 5 hours. Also offered as FCS 382 and TEC 306.

COLLEGE OF EDUCATION

Interim Dean: Al Azinger, Office: 506 DeGarmo Hall,
Campus Box 5300.

Phone: (309) 438-5415

Fax: (309) 438-3813

Email: Education@IllinoisState.edu

Website: Education.IllinoisState.edu

The College of Education includes the Departments of Educational Administration and Foundations and Special Education, the School of Teaching and Learning, the Office of Clinical Experiences and Certification Processes in the Cecilia J. Lauby Teacher Education Center, and the Laboratory Schools. A research and service unit is also included in the College of Education.

The mission of the College of Education is to transform 21st century learning.

The preparation and continuing professional development of educators is the core of this mission. The guiding framework for teacher education at Illinois State University, "Realizing the Democratic Ideal," captures the values of education programs: "To teach in a democracy is self-consciously to take up the burden of improving the ethical and intellectual quality of our societal dialogue by including in it as many educated voices as possible." A comprehensive offering of degree, licensure, and outreach programs operated year round at both undergraduate and graduate levels constitutes the primary mechanism through which the mission is fulfilled.

The College also fulfills its strategic mission of influencing education by interacting directly with practitioners in the field in a variety of partnerships in schools and other associations and agencies. In addition, the College is an active participant in discussions related to educational policy development within national, state, and local arenas.

EDUCATIONAL ADMINISTRATION AND FOUNDATIONS (EAF) 590

331 DeGarmo Hall, (309) 438-5422

Website: EAF.IllinoisState.edu

Chairperson: Lenford Sutton.

Tenure/Tenure-track Faculty:

Professors: Adkins, Lin, Lyman, McCluskey-Titus, Otto, Palmer, Schoon, Sutton.

Associate Professors: Dean, Dietz, Eckrich, Evans-Winters, Hatt-Echeverria, Hoff, Kyei-Blankson, Lugg, Nur-Awaleh, Renn, Rugutt, Sappington, Troxel.

Assistant Professors: Banicki, Hartlep.

General Department Information

The Department of Educational Administration and Foundations offers courses at the undergraduate level to facilitate Teacher Education programs. For a complete description of the Department's graduate program and offerings, consult the Graduate Catalog.

Educational Administration and Foundations Courses

228 SOCIAL FOUNDATIONS

3 sem. hrs.

Education as a social process and function, social origins of contemporary educational problems. Diverse field experience hours are required. Prerequisite: 45 hours completed.

231 INTRODUCTION TO PHILOSOPHY OF EDUCATION

3 sem. hrs.

Philosophical inquiry into educational policies and practices. Diverse field experience hours are required. Prerequisite: 45 hours completed.

235 HISTORICAL FOUNDATIONS

3 sem. hrs.

Inquiry into the history of American public schooling. Diverse field experience hours are required. Prerequisite: 45 hours completed.

SPECIAL EDUCATION (SED) 591

533 DeGarmo Hall, (309) 438-8980

Website: Education.IllinoisState.edu

Chairperson: Stacey R. Jones-Bock.

Assistant to the Chair: Kelli S. Appel.

Tenured/Tenure-track Faculty:

Professors: Crowley, Jones-Bock, Lartz, Peterson-Karlan.

Associate Professors: Blum, Borders, Courtad, Doubet, Shelden, Uphold.

Assistant Professors: Chung, Cuenca-Carlino, Douglas, Freeman-Green, Gardiner-Walsh, Hardin, Jozwik, Kaczorowski, Landa-Vialard, Lyon, Mustian, Walker, Zablocki.

General Department Information

Program Admission Requirements for Internal Transfer Admission:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: passage of the Test of Academic Proficiency (TAP) or ACT of 22 or higher (plus writing), courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit My.IllinoisState.edu or contact the undergraduate advisors for the intended major.

Changes in major or sequence will be approved only if the student meets established program admission requirements and if there are openings in the sequence the student desires to enter. Students seeking to change their major to Special Education should follow the procedures described in this *Undergraduate Catalog*.

New Transfer Admission Requirements:

Department advisors or IllinoisState.edu/Majors can provide information regarding additional requirements for transfer into a special education major. In order to manage course offerings and accommodate student demand for the major, it may be necessary to extend the plan of study for transfer students by one semester.

Standards for Progress in the Major

A minimum GPA of 2.50 is required both overall and in major coursework for retention in all Special Education programs. Candidates must meet requirements for Admission to Professional Studies and Admission to Student Teaching to advance to experiences with these prerequisites.

Professional Requirements Applicable to All Special Education Programs:

In addition to meeting University requirements for graduation and Admission to Professional Studies

requirements, all students in Special Education must successfully complete:

- 1) 33-hour core of courses, which includes the knowledge standards central to the profession of special education. These courses include: EAF 228, or 231 or 235; *MAT 130; *PSY 110; SED 101, 205, 206, 360, 368, 388; and TCH 208, 210. (All of these courses must be completed with a grade of C or better.)
- 2) Sequence-specified course and experience requirements (see below) with minimum cumulative and major grade point averages of 2.50 for retention in program and continuation of major requirements.
- 3) Pre-student teaching experiences designed to meet professional performance standards. These experiences include successful completion of a minimum number of semester hours through enrollment in appropriate field experience coursework (see sequence-specific requirements). Additional teaching or related experiences may be included as a part of core or specific sequence requirements or in remedial experiences. Performance evaluations in each of these experiences must recommend that the student advance to the next level of experience prior to doing so. Repeat of field experience coursework requires consent of the Department Chair. *Students are responsible for housing arrangements and transportation to clinical sites.*
- 4) A full semester of Student Teaching (STT 399) for which teacher candidates are awarded 12 semester hours of credit. In order to be recommended for initial licensure, candidates must demonstrate during this capstone experience that they have obtained competence in the knowledge, performance, and disposition areas designated by the profession of special education and this department. *Students are responsible for housing arrangements and transportation to student teaching sites.*
- 5) Passage of the Test of Academic Proficiency (TAP), or ACT (plus writing) of 22 or higher.

Special Education Programs

Degrees Offered: B.S., B.S. in Ed.

MAJOR IN SPECIAL EDUCATION

Core for All Majors:

- 33-hour core of courses which includes the knowledge standards central to the profession of special education. These courses include: EAF 228 or 231 or 235; *MAT 130; *PSY 110; SED 101, 205, 206, 360, 368, 388; and TCH 208, 210. (All of these core courses must be completed with a grade of C or better.)
- A grade of C or better in all required SED, TCH, CSD, MAT, PSY and EAF courses required for the core and sequences.

- Designated SED field experiences with appropriate proficiency levels.
- 12 hours of STT 399 Student Teaching with appropriate proficiency levels.

***NOTE:** PSY 110 and MAT 130 are General Education courses. *MAT 130 (or equivalent) is a prerequisite for SED 368.

Specialist in Deaf and Hard of Hearing Sequence:

Entitlement program leading to Illinois Professional Licensure for Deaf and Hard of Hearing Specialist.

- 88 hours required.
- 33 hours in Special Education core.
- 36 hours in required sequence-specific courses including CSD 211, 249, 350, 351; SED 130, 230, 330, 340, 353, 354, 355, 359, 375.
- 7 hours of SED field experiences: SED 247 (2 hour), 248 (2 hour), 249 (1 hour), 250 (2 hour).
- 12 hours of student teaching.
- Admission to Professional Studies is required prior to these courses: SED 247, 248, 249, 250, 354, 355, 359, 375, and 388.
- A grade of C or better is required in all CSD, EAF, PSY, SED and TCH courses.
- Sequence-specific assessment: Passing score on communication proficiency interview prior to student teaching.

Specialist in Learning and Behavior Sequence:

Entitlement program leading to Illinois Professional Licensure for Learning Behavior Specialist I.

- 82 hours required.
- 33 hours in Special Education core.
- 25 hours required in sequence-specific courses including SED 207, 342, 345, 361, 362, 366, 390, 391, 392; TCH 209.
- 12 hours of SED field experiences: SED 251 (4 hour), 252 (4/4 hours).
- 12 hours of student teaching.
- Admission to Professional Studies is required prior to these courses: SED 251, 252, 345, 362, 366, 388, 390, 391, 392.
- A grade of C or better in all required EAF, MAT, PSY, SED, and TCH courses.

Specialist in Low Vision and Blindness Sequence:

Entitlement program leading to Illinois Professional Licensure for Visual Impairment Specialist.

- 85 hours required.
- 33 hours in Special Education core.
- 32 hours required in sequence-specific courses including SED 207, 342, 350, 351, 352, 357, 358, 363, 364, 365, 367; and TCH 209.
- 8 hours of SED field experiences: SED 246 (2 hours) and 253 (6 hours).
- 12 hours of student teaching.
- Admission to Professional Studies is required prior to these courses: SED 246, 253, 351, 357, 358, 363, 364,

365, 367, and 388.

- A grade of C or better in all required EAF, PSY, SED, and TCH courses.
- Sequence-specific assessment: Braille proficiency tests.

Special Education Courses

101 THE EXCEPTIONAL LEARNER

3 sem. hrs.

Entry knowledge standards in special education foundations and characteristics of learners with disabilities.

130 AMERICAN SIGN LANGUAGE I

2 sem. hrs.

Introduce basic vocabulary, grammatical structure, and characteristics of American Sign Language. Examine application of American Sign Language in social and educational settings. Includes lab experience. Prerequisite: Majors only.

201 EFFECTIVE COLLABORATION AND TEACHING EXCEPTIONAL AND DIVERSE LEARNERS

3 sem. hrs.

Entry knowledge for instruction of exceptional learners. Includes collaborative instruction and modifications in practice. Second course: SED Standards for All Educators. May include Clinical Experience: Approximately Completion of 10-20 hours. Prerequisite: SED 101.

205 FAMILY, PROFESSIONAL, AND COMMUNITY COLLABORATION

3 sem. hrs.

Using family-centered framework to understand diversity and strategies for collaborative partnerships among individuals with disabilities, families, professionals, and community stakeholders. Not for credit if had SED 373 *FAMILY-PROFESSIONAL COLLABORATION*. Prerequisite: SED 101.

205A01 FAMILY, PROFESSIONAL, AND COMMUNITY COLLABORATION: EARLY CHILDHOOD

3 sem. hrs.

Using family-centered framework to understand diversity and strategies for collaborative partnerships among individuals with disabilities, families, professionals, and community stakeholders. Not for credit if had SED 373 *FAMILY-PROFESSIONAL COLLABORATION*. Prerequisites: SED 101; Early Childhood Education majors.

206 ASSESSMENT FOUNDATIONS

3 sem. hrs.

Data-based decision making to understand learning is a continual process of connecting assessment and curricula to instructional planning. Materials charge optional. Not for credit if had SED 203 *MEASURING AND AFFECTING ACADEMIC AND SOCIAL BEHAVIOR I*. Prerequisite: SED 205 or concurrent registration.

207 ASSISTIVE TECHNOLOGY FOUNDATIONS

1 sem. hr.

Definitions, laws, and consideration processes related to assistive technology for individuals with disabilities. Includes lab experiences. Materials charge optional. Not for credit if had SED 379 *ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH DISABILITIES*.

270 Special Education

230 USING ASL AND OTHER VISUAL LANGUAGE SYSTEMS
2 sem. hrs.

Analyzing and using American Sign Language and English sign language systems. Both receptive and expressive communication required. Includes lab experience. Formerly *AMERICAN SIGN LANGUAGE II*. Materials charge optional. Prerequisite: SED 130 or consent of the department chair.

245 FIELD WORK IN SPECIAL EDUCATION
1-6 sem. hrs.

Supervised clinical experience in programs serving persons with disabilities including schools, clinical facilities, community agencies, or residential institutions. Students are responsible for transportation to sites and housing if needed. May be repeated with consent of department chair. Prerequisites vary by topic. Prerequisite: Admission to Professional Studies or consent of the department chair.

246 FIELD WORK IN LOW VISION AND BLINDNESS: INITIAL CLINICAL EXPERIENCE
2 sem. hrs.

Supervised clinical experiences in programs serving persons with low vision or blindness. Clinical Experience: 100-130 hours. Students are responsible for transportation to sites and housing if needed. Not for credit if had SED 245A04. Prerequisites: Admission to Professional Studies or consent of the department chair. Concurrent registration in SED 204, 357, 358, 363, 365.

247 FIELD WORK IN DEAF AND HARD OF HEARING: LANGUAGE
2 sem. hrs.

Supervised clinical experiences in programs serving deaf and hard of hearing children including schools or clinical facilities. Clinical Experience: 30-40 hours. Students are responsible for transportation to sites and housing if needed. Not for credit if had 245A08. Prerequisites: Admission to Professional Studies or consent of the department chair. Concurrent registration in SED 354 and 388.

248 FIELD WORK IN DEAF AND HARD OF HEARING: SPEECH
2 sem. hrs.

Supervised clinical experiences in programs serving deaf and hard of hearing children, including schools, clinical facilities, community agencies or residential settings. Clinical Experience: 25-35 hours. Students are responsible for transportation to sites and housing if needed. Not for credit if had 245A09. Prerequisites: Admission to Professional Studies or consent of the department chair. Concurrent registration in SED 249, 250, 355, 359, and 375.

249 FIELD WORK IN DEAF AND HARD OF HEARING: READING AND SCHOOL SUBJECTS
1 sem. hr.

Supervised clinical experiences in programs serving deaf and hard of hearing children, including schools, clinical facilities, community agencies or residential institutions. Clinical Experience: 18-25 hours. Students are responsible for transportation to sites and housing if needed. Not for credit if had 245.10. Prerequisites: Admission to Professional Studies or consent of the department chair. Concurrent registration in SED 248, 250, 355, 359, and 375.

250 FIELD WORK IN DEAF AND HARD OF HEARING: SENIOR PRACTICUM
2 sem. hrs.

Supervised clinical experiences in programs serving deaf and hard of hearing children, including schools, clinical facilities, community agencies or residential settings. Clinical Experience: 200-240 hours. Students are responsible for transportation to sites and housing if needed. Not for credit if had 245A11. Prerequisites: Admission to Professional Studies or consent of the department chair. Concurrent registration in SED 248, 249, 355, 359, and 375.

251 FIELD WORK IN LEARNING BEHAVIOR SPECIALIST: INITIAL CLINICAL EXPERIENCE
4 sem. hrs.

Supervised clinical experiences in programs serving persons with mild, moderate, or severe disabilities. Clinical Experience: 180-200 hours. Students are responsible for transportation to sites and housing if needed. Not for credit if had 245A12. Prerequisites: Admission to Professional Studies or consent of the department chair. Concurrent registration in SED 345, 362, and 388.

252A01 FIELD WORK IN LEARNING BEHAVIOR SPECIALIST: ADVANCED CLINICAL EXPERIENCE PART I
4 sem. hrs.

Supervised clinical experiences in programs serving persons with mild, moderate, or severe disabilities. Clinical Experience: 190-210 hours. Students are responsible for transportation to sites and housing if needed. Not for credit if had SED 245A13. Prerequisites: Admission to Professional Studies or consent of the department chair. Concurrent registration in SED 390, 391, and 392.

252A02 FIELD WORK IN LEARNING BEHAVIOR SPECIALIST: ADVANCED CLINICAL EXPERIENCE PART II
4 sem. hrs.

Supervised clinical experiences in programs serving persons with mild, moderate, or severe disabilities. Clinical Experience: 190-210 hours. Students are responsible for transportation to sites and housing if needed. Not for credit if had SED 245A13. Prerequisites: Admission to Professional Studies or consent of the department chair. Concurrent registration in SED 390, 391 and 392.

253A01 FIELD WORK IN LOW VISION AND BLINDNESS: ADVANCED CLINICAL EXPERIENCE PART I
3 sem. hrs.

Supervised clinical experiences in programs serving persons with low vision or blindness. Clinical Experience: 190-210 hours. Students are responsible for transportation and housing if needed. Not for credit if had SED 245A14. Prerequisites: Admission to Professional Studies or consent of the department chair. Concurrent registration in SED 351.

253A02 FIELD WORK IN LOW VISION AND BLINDNESS: ADVANCED CLINICAL EXPERIENCE PART II**3 sem. hrs.**

Supervised clinical experiences in programs serving persons with low vision or blindness. Clinical Experience: 190-210 hours. Students are responsible for transportation and housing if needed. Not for credit if had SED 245A14. Prerequisites: Admission to Professional Studies or consent of the department chair. Concurrent registration in SED 351.

330 ENGLISH SIGN SYSTEMS**3 sem. hrs.**

Examines the use of visual English systems in educational settings. Introduces basic school vocabulary and characteristics of English sign systems. Includes sign proficiency exam required for student teaching. Prerequisites: SED 130, 230; lab.

340 THE DEVELOPMENT OF LANGUAGE IN STUDENTS WHO ARE DEAF AND HARD OF HEARING**3 sem. hrs.**

The study of the language development of children who are deaf and hard of hearing compared to normal language development.

342 LANGUAGE AND LITERACY DEVELOPMENT**3 sem. hrs.**

Focus of the course is on the language development of students, including impact of demands, form, and function, and relation to acquisition of literacy. Prerequisite: TCH 208.

345 LITERACY APPLICATIONS**3 sem. hrs.**

Examines language and literacy development from early childhood to adolescence. Research-based strategies addressing the needs of emergent and struggling readers. Materials charge optional. Prerequisites: SED 342; TCH 209. Admission to Professional Studies. Concurrent registration in SED 362.

350 INTRODUCTION TO VISUAL IMPAIRMENTS**3 sem. hrs.**

Impact of visual impairments on development; basic anatomy of the eye; types, causes, and educational implications of eye disorders; educational programming. Formerly *INTRODUCTION TO VISUAL DISABILITIES*. Includes Clinical Experience: Approximately 10 hours. Prerequisite: SED 101 or consent of the department chair.

351 EDUCATIONAL PLANNING FOR STUDENTS WITH VISUAL IMPAIRMENTS**3 sem. hrs.**

Application of educational diagnosis to educational programming and instruction of individuals with visual impairments. Formerly *EDUCATION AND ASSESSMENT OF STUDENTS WITH VISUAL DISABILITIES*. Prerequisites: SED 350, 352, 363, 364, and 365, or consent of the department chair. Admission to Professional Studies.

352 BRAILLE READING AND WRITING**3 sem. hrs.**

Preparation in reading and writing using the Braille Literary Code. Includes an introduction to Braille Textbook Format. Lecture and lab. Materials charge optional. Prerequisite: Consent of the department chair.

353 EDUCATION OF STUDENTS WHO ARE DEAF AND HARD OF HEARING**3 sem. hrs.**

Psychological, social, historical, and educational issues relating to the education of individuals who are deaf and hard of hearing. Includes Clinical Experience: approximately 10 hours. Prerequisite: SED 101.

354 TEACHING LANGUAGE TO DEAF AND HARD OF HEARING STUDENTS**3 sem. hrs.**

Principles and techniques of developing and teaching language to deaf and hard of hearing students at all grade levels, P-12. Prerequisites: SED 130, 230, 330, 353 or consent of the department chair. Concurrent registration in SED 247. Admission to Professional Studies.

355 TEACHING SPEECH TO DEAF AND HARD OF HEARING STUDENTS**3 sem. hrs.**

Principles and techniques of developing and teaching speech to hearing impaired students at all grade levels, P-12. Prerequisites: SED 354 and CSD 211 or consent of the department chair. Concurrent registration in SED 248. Admission to Professional Studies.

357 ORIENTATION AND MOBILITY FOR CLASSROOM TEACHERS**2 sem. hrs.**

Practicum in basic daily living skills and rudimentary mobility techniques for individuals with visual disabilities. Prerequisite: Admission to Professional Studies.

358 READING AND ASSESSMENT FOR STUDENTS WITH VISUAL IMPAIRMENTS**3 sem. hrs.**

Competencies to teach and assess reading for students who use print, braille, and auditory media; functional vision assessment techniques emphasized. Instructional techniques and materials emphasized. Formerly *READING AND LANGUAGE ARTS FOR STUDENTS WITH VISUAL DISABILITIES*. Prerequisites: TCH 208 and 209; SED 350 and 352. Admission to Professional Studies.

359 TEACHING READING AND SCHOOL SUBJECTS TO DEAF AND HARD OF HEARING STUDENTS**3 sem. hrs.**

Teaching reading and other core subjects to deaf and hard of hearing students at all grade levels. Prerequisites: SED 354. Concurrent registration in SED 249. Admission to Professional Studies.

360 TRANSITION FROM SCHOOL TO ADULTHOOD**3 sem. hrs.**

Use of transition assessment and self-determination opportunities in educational planning for individuals with disabilities. Includes Clinical Experience: Approximately 10-20 hours. May require transportation. Prerequisite: SED 206; All sections of the State of Illinois Test of Academic Proficiency (TAP) must be passed.

361 EDUCATION OF LEARNERS WITH SEVERE DISABILITIES**3 sem. hrs.**

Understand characteristics, advocate, develop personalized curricula, and create instructional, environmental, and compensatory supports for students with severe disabilities. Materials charge optional. Prerequisite: SED 206.

362 SYSTEMATIC INSTRUCTION**3 sem. hrs.**

Provides experiences to develop and implement evidence-based systematic instruction for functional and academic skills. Prerequisites: SED 361 and 368. Admission to Professional Studies. Concurrent registration in SED 345.

363 ADVANCED BRAILLE AND THE NEMETH BRAILLE CODE**3 sem. hrs.**

Preparation in Nemeth Braille and other braille codes, the abacus, and preparation of materials for students with visual impairments. Materials charge optional. Prerequisites: Admission to Professional Studies. SED 352 must be completed the semester preceding SED 363.

364 ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH VISUAL IMPAIRMENTS**3 sem. hrs.**

Preparation in the instruction and assessment of assistive technology used by individuals with visual impairments. Not for credit if had SED 356. Materials charge optional. Prerequisites: Admission to Professional Studies. SED 350; Concurrent registration with SED 352.

365 ADVANCED ASSISTIVE TECHNOLOGY FOR INDIVIDUALS WITH VISUAL IMPAIRMENTS**3 sem. hrs.**

Advanced features of recently developed technologies used by persons who are visually impaired. Emphasis on advanced instructional applications. Prerequisites: Admission to Professional Studies and SED 364.

366 TECHNOLOGY APPLICATIONS IN TODAY'S CLASSROOM**1 sem. hr.**

Make data-based assistive and instructional technological decisions and engage in technology-mediated learning networks. Includes lab experiences. Materials charge optional. Prerequisites: SED 207. Admission to Professional Studies. Concurrent registration in SED 251.

367 LOW VISION AND PSYCHOLOGICAL IMPLICATIONS OF VISUAL IMPAIRMENTS**2 sem. hrs.**

Introduction to low vision, the implications and attitudes associated with visual impairments and blindness, and strategies for teachers. Prerequisite: Admission to Professional Studies.

368 MATH METHODS FOR LEARNERS WITH DISABILITIES**3 sem. hrs.**

Design effective math instruction for students with disabilities, explore research-based math strategies, and reflect on student performance. Prerequisites: MAT 130 or equivalent; SED 206.

369 TECHNOLOGY FOR YOUNG CHILDREN WITH DISABILITIES**3 sem. hrs.**

Overview of instructional and assistive technology, including Universal Design principles, for children birth to age 8 at risk of/with disabilities. Not for credit if had SED 379. Materials charge optional. Prerequisite: SED 101 or equivalent or consent of the department chair.

374 EDUCATIONAL ASSESSMENT OF PRESCHOOL CHILDREN WITH DISABILITIES**3 sem. hrs.**

Techniques and issues involved in gathering, analyzing and synthesizing data for developing and monitoring individualized educational programs for preschool children with disabilities. Prerequisite: SED 101 or consent of the department chair.

375 ASSESSMENT AND PLANNING FOR DEAF AND HARD OF HEARING STUDENTS**3 sem. hrs.**

Examines assessment tools and techniques for developing an individualized educational program for students who are deaf and hard of hearing. Materials charge optional. Prerequisite: SED 359, or concurrent registration.

386 EARLY INTERVENTION FOR INFANTS AND YOUNG CHILDREN WITH DISABILITIES**3 sem. hrs.**

Curriculum and organization of service delivery for young children with disabilities. Emphasizes birth to eight years of age. Prerequisite: SED 101 or equivalent.

388 CLASSWIDE AND INDIVIDUALIZED BEHAVIOR SUPPORTS**3 sem. hrs.**

Enable students to understand behavioral theory with specific emphasis placed on the knowledge and application of applied behavioral analysis principles. Prerequisites: SED 368; TCH 210. Admission to Professional Studies.

390 ASSESSMENT TO INSTRUCTION**3 sem. hrs.**

Educational assessments, approaches, and methodologies for a variety of learners across environments. Design successful instruction through application of evidence-based practices. Prerequisites: SED 251. Concurrent registration in SED 252A01, 252A02, 391, 392.

391 CURRENT LAWS AND INITIATIVES**2 sem. hrs.**

Produce a quality and compliant IEP while learning ways to be a teacher leader and advocate for individuals with disabilities. Prerequisites: SED 251. Concurrent registration in SED 252A01, 252A02, 390, 392.

392 CONTENT STRATEGIES, ANALYSIS, AND COLLABORATION**3 sem. hrs.**

Design and implement content-specific instructional plans: formative and summative assessments, curriculum mapping, evidence-based practices, and accommodations for individual students. Prerequisites: SED 251. Concurrent registration in SED 252A01, 252A02, 390, 391.

394 SPECIAL EDUCATION IN MIDDLE LEVEL SCHOOLS**3 sem. hrs.**

This course examines disability categories and characteristics, legal mandates, instructional methods, and appropriate modifications for MLE students. Clinical Experience: 20 hours. Formerly *TEACHING YOUNG ADOLESCENTS WITH DISABILITIES*. Also offered as TCH 394. Prerequisites: Concurrent registration in TCH 233 and 296.

TEACHING AND LEARNING (TCH) 533

232 DeGarmo Hall, (309) 438-5425

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Website: Education.IllinoisState.edu

Director: Anthony Lorsbach.

Tenured/Tenure-track Faculty:

Professors: Al-Bataineh, Crumpler, Latham, Lorsbach.

Associate Professors: Bates, Brown, Haling, Handsfield, Hatch, Hurd, Jadallah, Lin, Lucey, Mertens, B. Meyer, Mikulec, Morey, Park, Quesenberry, Seglem, Shifflet, Skinner, Weilbacher, P. Williams.

Assistant Professors: Arias, Hansen, Horn, Hunt, Husband, Kang, Kline, Lee, MacPhee, A. Meyer, Miller, Osorio, Percell, Sanden, White.

General Information

Effective February 1, 2012 students who are applying for their Professional Educator License or additional endorsements must have a grade of C or better in all coursework required as part of their licensure program. This includes all endorsement area courses and professional education courses.

All teacher education students must maintain a cumulative GPA of 2.5 to make progress in their major.

Early Childhood Education Program

Degree Offered: B.S., B.S. in Ed.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Academic Requirements:

To register for TCH 271, the Early Childhood Education program entry course, students must have achieved:

1. A minimum cumulative and major GPA of 2.50;
2. A minimum of 45 semester hours completed (To begin TCH 271, however, students must have achieved junior standing—a minimum of 60 semester hours completed.);
3. A minimum grade of C in both ENG 101 and COM 110;
4. All sections of State of Illinois Test of Academic Proficiency (TAP) passed (see the description below).

Students should contact their Teaching and Learning advisors for additional information. Prospective transfer students will be admitted on a competitive basis to Illinois State University. (See the Admission section of this *Undergraduate Catalog*.) Advanced registration is strongly recommended.

State of Illinois Test of Academic Proficiency (TAP)

All early childhood majors are required to pass the State of Illinois Test of Academic Proficiency (TAP) in language arts, reading, writing, and mathematics before registering for TCH 271. For this reason students should take the State of Illinois Test of Academic Proficiency (TAP) (fee required) as early as possible.

MAJOR IN EARLY CHILDHOOD EDUCATION

The Early Childhood Major leads to an initial Illinois Educator License with endorsement for teaching in programs serving children birth to age 8 (grade 3). The program is based on the conceptual framework “Realizing the Democratic Ideal” and is closely aligned with the Illinois Professional Teaching Standards (IPTS) and the standards of the National Association for the Education of Young Children (NAEYC). The professional coursework of the program focuses on preparation for teaching in public school Pre-K through grade 3 classrooms, child care centers, pre-schools, and 0-3 early intervention programs.

- Required courses (69 hours): TCH 111, 210, 271, 273, 274, 275, 276, 277, 278, 292, 293, 294, 314; EAF 228 or 231 or 235; ART 208 or MUS 278 or DAN 229 or THE 282; CSD 115; SED 101, 369, 373; and STT 399A54.
- Each student should consult the Teacher Education Requirements section of the *Undergraduate Catalog* for further understanding of state General Education requirements for endorsement in Early Childhood Education.

Elementary Education Programs

Degree Offered: B.S., B.S. in Ed.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/majors or contact the undergraduate advisor for the intended major.

Academic Requirements:

To register for TCH 204, Literacy I, a student must have completed or achieved:

1. A minimum cumulative GPA of 2.50;

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2. Grade of C or better in COM 110 and ENG 101;
3. TCH 210 Child Growth and Development;
4. All sections of State of Illinois Test of Academic Proficiency (TAP) passed (see the following description).

State of Illinois Test of Academic Proficiency (TAP):

All elementary majors are required to pass the State of Illinois Test of Academic Proficiency (TAP) in language arts, reading, writing, and mathematics before registering for TCH 204. For this reason, students should take the Illinois Test of Academic Proficiency (TAP) (fee required) as early as possible.

MAJOR IN ELEMENTARY EDUCATION

The Elementary Education program prepares candidates for the Illinois Professional Educator License and the Elementary Education Endorsement in grades 1-6. The program is based on the conceptual framework “Realizing the Democratic Ideal” and closely aligned with national elementary teacher education standards, the 2010 Illinois Professional Teaching Standards (IPTS), and the Illinois standards for Elementary Education Teachers (2013), all of which are integrally related.

Throughout the program, elementary education candidates have opportunities to link theory with practice as they participate in approximately 400 hours of clinical experiences in elementary classrooms. Elementary education candidates also may apply to one of several Professional Development Schools in which they integrate their coursework with ongoing classroom experiences in participating school districts in a year-long student teaching experience.

Elementary Education Program Requirements:

To meet Professional Educator License requirements, Elementary Education candidates are required to complete the following coursework. Students must also choose one of the additional endorsement/elective options below. Students should contact Teaching and Learning advisors for additional information.

- Required General Education courses: BSC 101A01; CHE 102 or PHY 102; COM 110; ENG 101; GEO 135, 211; HIS 135 or 136; MAT 130, 150; POL 101 or 106.
- Required TCH courses (33 hours): TCH 204, 205, 208, 209, 210, 247, 257, 258, 260, 264, 391.
- Additional required courses (27 hours): ART 204 or MUS 277 or THE 281 or DAN 283; EAF 228 or 231 or 235; ECO 103 or 105; ENG 170; KNR 222; MAT 119, 152, 201; SED 101.
- 12 hours Professional Education - Student Teaching: STT 399A50 (entire semester experience).

Elementary Endorsement/Elective Options: (Students must choose one of the elective options below to fulfill the 12 hours of elective credit in the program.) Students choosing the elective options leading to State of Illinois approved endorsement areas (English Learner and Reading Teacher) can, with one additional course, complete the requirements for that endorsement. Students should contact a Teaching

and Learning advisor to discuss those options early in the program.

- English as a Second Language Elective Track (12 hours and TCH 205 required above): TCH 110, 248, 320, 321.
- Reading Teacher Elective Track (12 hours and TCH 208, 209, 264; ENG 170 required above): TCH 222, 223, 224, 318.
- Special Education Elective Track (12 hours and SED 101 required above): SED 193A04, 205, 369; TCH 318.
- Diverse Learner Elective Track (12 hours): SED 205; TCH 213, 232, 318.

Please see graduation requirements for all Teacher Education Majors in regard to State of Illinois requirements including edTPA.

Bilingual/Bicultural Teacher Education (English-Spanish) Sequence:

An Elementary Education major who completes the requirements for a B.S. in Education degree and who also completes the required courses listed may be endorsed in elementary education and bilingual education. In addition to the courses required for the Elementary Education major, other required courses include:

- Required courses: HIS 104A03 (for a general education course); SPA 116 or 120; TCH 110, 260, 272, 319, 320, 321.
- Bilingual Education student teaching must take place in the spring semester as part of a yearlong professional development school that supports the Bilingual/Bicultural sequence.
- Additional courses in Spanish may be needed in order to obtain the language proficiency required. Language proficiency will be determined by successfully passing the Illinois Language Proficiency Test administered by the Illinois State Board of Education. The language proficiency test must be passed prior to the yearlong development school (PDS) experience.

Four years of successful high school Spanish coursework or placement into SPA 112, as determined by the Spanish Readiness Test, is required for admission into the major. The total number of hours required for the major depends upon the language proficiency level at which a student begins the program. A student will be asked to take the online Spanish Readiness Test, which will recommend the college-level Spanish course in which the student will begin.

Middle Level Teacher Education Programs

Degree Offered: B.S., B.S. in Ed.

Program Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA,

hours completed, personal interview or written statement, and samples of work completed. For additional information on minimum requirements for admission and the application and selection process, visit IllinoisState.edu/majors or contact the undergraduate advisor for the intended major.

Academic Requirements:

To register for TCH 130, the Middle Level Teacher Education program entry course, students must have achieved:

1. A minimum cumulative and major GPA of 2.50;
2. A minimum grade of C in both ENG 101 and COM 110;
3. All sections of the State of Illinois Test of Academic Proficiency (TAP) passed (see following description).

Students should contact their Teaching and Learning advisors for additional information.

Illinois Test of Academic Proficiency (TAP):

All middle level teacher education majors are required to pass all sections of the State of Illinois Test of Academic Proficiency (TAP) before registering for TCH 130. For this reason students should take the State of Illinois Test of Academic Proficiency (TAP) (fee required) as early as possible.

MAJOR IN MIDDLE LEVEL TEACHER EDUCATION

Professional Requirements:

- 43 hours in Professional Education required. Leading to Illinois Professional Educator License: Middle Level Grades 5-8.
- Required courses: EAF 228 or 231 or 235; TCH 101, 130, 207, 233, 296, 306, 333, 394, 395, 396, 399A55 (12 hours of Student Teaching).
- In addition, effective February 1, 2012 students who are applying for their Illinois Professional Educator License or additional endorsements must have a grade of C or better in all coursework required as part of their licensure program. This includes all endorsement areas, major courses and professional education.

Content Area Requirements:

School of Teaching and Learning advisors will assist the Middle Level Teacher Education major in planning coursework in both the primary and secondary content areas.

A primary feature of the Middle Level Teacher Education program is the experience that the pre-service teacher gains in working with young adolescent youth in the school environment. Simultaneously with the course work in the categories previously described, the candidate in the program engages in a variety of clinical experiences working with students in middle schools.

Candidates completing the Middle Level professional education requirements above must choose two content areas for endorsement. Those areas include: Mathematics, English

Language Arts, Social Studies, Science, or English Language Learner (EL).

Middle Level Content Area Endorsement Options:

(Candidates must complete the requirements below for a minimum of two areas).

Middle Level Mathematics Endorsement (26 hours): MAT 130, 131, 202, 302, 309, 312, and 314.

Middle Level English Language Arts Endorsement (24 hours): TCH 235, 236, 237, and 238; ENG 128 or 145, 243, and two courses from the following: ENG 110, 130, 170, 272, or 375.

Middle Level Science Endorsement (25 hours): BSC 101A01; CHE 102 or 110 (with lab); GEO 102 and 207 or 211; PHY 105 and 205 or 207; TCH 239 and 351.

Middle Level Social Science Endorsement (25 hours): ECO 103 or 105; GEO 135; POL 106; TCH 352; and from Group I Western Civilization (select one): HIS 101 or 102 or 104 (topics 01-06); from Group II US History (select one): HIS 135 or 136; and Group III (select two): GEO 205, 215, or 235, HIS 220, 221, 222, 223, 241, 246, 257, 258, 259, 261, 262.

Middle Level English Learner Endorsement (21 hours): ENG 143; TCH 110, 235, 248, 320, 334 and one elective from ANT 143, 176, 185, SOC 108, 111, 220.

Illinois State Board of Education licensure and endorsement requirements are subject to change. Students should consult their advisors for any changes in state requirements.

PROFESSIONAL EDUCATION REQUIREMENTS FOR SECONDARY K-12:

- EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219.
- TCH 212, 216, and 219 must be taken sequentially and cannot be taken at the same time.

Minors and Endorsements

ENDORSEMENT IN READING FOR ALL TEACHER EDUCATION MAJORS

Students may complete course work leading to the 24-hour reading teacher endorsement. To meet these state requirements, students must fulfill 18 hours in reading in categories designated by the State of Illinois, and two additional elective courses. A reading content exam is also required. Students should see an advisor to plan this coursework.

MINOR IN BILINGUAL EDUCATION

Endorsement in Bilingual Education for all Teacher Education Majors

Students may complete coursework leading to the 18-hour bilingual endorsement. This endorsement is in addition to the student's initial area of endorsement (early childhood,

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elementary education, middle level education, etc.) and can be focused on the target language of the student's choice. To meet these state requirements, students must fulfill 18 hours of coursework in categories designated by the State of Illinois as well as pass the State of Illinois Target Language Test. Students should see an advisor to plan this coursework. These courses include:

- TCH 110; TCH 260 or 294 or 396; TCH 319, 320, 321, and TCH 272 (MLE candidates will take 232 in place of 272).

Urban Education Study:

Students working in urban populations may elect to complete Urban Education. Urban Education is not a certified area but is an elective option available to students in Elementary Education, Middle Level Education, Special K-12, High School, Early Childhood, and Special Education programs. Course content and Clinical Experiences are individually designed in keeping with the specific Teacher Education program of the student.

Please see the Interdisciplinary Studies section of this catalog for specific requirements.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Teaching and Learning Courses

101 INTRODUCTION TO MIDDLE LEVEL EDUCATION

1 sem. hr.

Foundational knowledge in becoming a teacher in grades 5-8. Introductory course for middle level education majors.

104 INTRODUCTION TO EDUCATION

3 sem. hrs.

An overview of the world of K-12 public education, and introduction to teaching as a career.

110 CROSS CULTURAL TEACHING AND LEARNING

3 sem. hrs.

Reviews the many societal cultural factors that affect learning and teaching and the application of cultural understanding to curriculum development. Not for credit if had TCH 111. Formerly *INTRODUCTION TO MULTICULTURAL EDUCATION*.

111 TEACHING DIVERSE STUDENT POPULATIONS: BIRTH - 8 YEARS

3 sem. hrs.

Exploring the theories and processes for understanding and working with culturally diverse groups in educational settings and implications for programming at the birth through eight-year-old level. Not for credit if had TCH 110. Prerequisite: Early Childhood major only.

130 INTRODUCTION TO YOUNG ADOLESCENT DEVELOPMENT AND MIDDLE LEVEL SCHOOLS

3 sem. hrs.

Explores the distinctive role of young adolescent education in the public school, contrasted with elementary and senior high school education. Formerly *BECOMING A MIDDLE GRADES TEACHER*. Prerequisite: Middle Level Major only.

204 ELEMENTARY EDUCATION: PRACTICES AND ISSUES

3 sem. hrs.

Essential practices and issues related to elementary education teaching: licensure, sociocultural context of teaching and learning, instructional planning and assessment, classroom management theories. Prerequisites: Elementary Education major only. TCH 210. Concurrent registration in TCH 205 and 208. All sections of the State of Illinois Test of Academic Proficiency (TAP) must be passed. Concurrent registration in TCH 205 and 208.

205 ELEMENTARY EDUCATION CLINICAL I**3 sem. hrs.**

Candidates will gain experience in a school (education) setting and apply the concepts and theories learned to observed classroom practices. Prerequisites: TCH 210; concurrent registration in TCH 204 and 208.

207 LITERACY INSTRUCTION IN CULTURALLY AND LINGUISTICALLY DIVERSE MIDDLE LEVEL CLASSROOMS**3 sem. hrs.**

This course prepares teacher candidates to engage in culturally responsive research-based practices to support diverse learners in middle level classrooms.

208 LITERACY I: READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOLS**3 sem. hrs.**

Study about theory and practice in teaching reading and language arts at the elementary school level. Includes satisfactory completion Clinical Experiences. Prerequisites: Elementary Education, SED, and Middle Level major only. TCH 210. Concurrent registration in TCH 204 and 205.

209 LITERACY II: READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOLS**3 sem. hrs.**

Extends students' knowledge of literacy and the use of appropriate assessment measures and instrument strategies. Includes satisfactory completion Clinical Experiences. Prerequisites: Elementary Education, SED, and Middle Level majors only. TCH 208, taken within seven years.

210 CHILD GROWTH AND DEVELOPMENT**3 sem. hrs.**

Physical, social, emotional, and mental development of the child from conception through adolescence; methods of studying children and their behavior. Includes satisfactory completion Clinical Experiences. Prerequisite: A minimum of 15 hours completed.

212 THE TEACHING PROFESSION IN SECONDARY SCHOOLS**2 sem. hrs.**

Focuses on the social, economic, and political forces that influence the development, organization, and purposes of secondary schools. Includes satisfactory completion Clinical Experiences. Formerly *ISSUES IN SECONDARY EDUCATION*. Prerequisites: Teacher Education Sequence leading to 9-12 or K-12 endorsement (other than Special Education). A minimum of 45 hours completed. COM 110 and ENG 101.

213 TECHNOLOGY AND LEARNING IN A DIGITAL WORLD**3 sem. hrs.**

Essential practices and issues related to the strategic use of technology for teaching and learning in the PK-12 classroom. Prerequisite: Must be accepted in the Teacher Education Program or have consent of the instructor.

216 PRINCIPLES AND PRACTICES FOR TEACHING AND LEARNING IN SECONDARY SCHOOLS**3 sem. hrs.**

Fundamental knowledge regarding curricular planning and instructional principles and practices. Formerly *INSTRUCTIONAL AND EVALUATIVE METHODS IN SECONDARY EDUCATION*. Clinical Experiences: 50 hours. Prerequisite: TCH 212.

219 INTEGRATING MULTIPLE LITERACIES AND TECHNOLOGY ACROSS THE SECONDARY CURRICULUM**3 sem. hrs.**

Focus on materials and strategies/techniques that support literacy in all content areas, including traditional and digital literacies. Not for credit if had TCH 214 *LITERACY IN THE CONTENT AREAS OF SECONDARY EDUCATION*. Prerequisites: TCH 212 and 216.

222 READING ASSESSMENT**3 sem. hrs.**

Study of the assessment of the reading process. Includes satisfactory completion Clinical Experiences: 5 hours. Prerequisite: TCH 208 or 235 or 273 taken within seven years; or Education or Psychology measurement recommended.

223 CONTENT AREA LANGUAGE AND LITERACY IN ELEMENTARY CLASSROOMS**3 sem. hrs.**

Study of disciplinary literacy learning and instruction in the elementary school.

224 DEVELOPING READERS THROUGH WRITING**3 sem. hrs.**

This course explores personal writing processes and pedagogy, and literacy in the PK-12 classroom. Prerequisites: Acceptance to the Elementary Education major or Early Childhood major, and a minimum of 45 hours completed.

232 URBAN EDUCATION: AN INTRODUCTION**3 sem. hrs.**

Strategies for educating urban students.

233 TEACHING AND LEARNING IN MIDDLE LEVEL EDUCATION**3 sem. hrs.**

Organizational structure of American public education; provisions for young adolescent education; understanding the characteristics of the young adolescent student; the role of the teacher of young adolescents. Includes satisfactory completion Clinical Experiences: 20 hours. Formerly *MIDDLE LEVEL EDUCATION AND THE YOUNG ADOLESCENT*. Prerequisites: Middle Level Teacher Education Major only; concurrent registration with TCH 296 and 394. TCH 130 taken within seven years. ENG 101 and COM 110. All sections of State of Illinois Test of Academic Proficiency (TAP) passed.

233A01 TEACHING AND LEARNING IN MIDDLE LEVEL EDUCATION - NON-MAJOR**3 sem. hrs.**

For non-Teaching and Learning majors. Organizational structure of American public education; provisions for young adolescent education; understanding the characteristics of the young adolescent student; the role of the teacher of young adolescents. Prerequisites: COM 110 and ENG 101.

235 FOUNDATIONS AND ASSESSMENT OF READING IN MIDDLE SCHOOLS**3 sem. hrs.**

Theoretical bases for reading instruction as it relates to the teaching of reading to early adolescent learners. Field experience required. Formerly *FOUNDATIONS OF READING IN MIDDLE LEVEL EDUCATION*.

236 TEACHING LITERACY THROUGH YOUNG ADOLESCENT LITERATURE**3 sem. hrs.**

Focus on genres of adolescent literature to teach the literacy skills required in middle level English language arts classrooms.

237 ENGLISH LANGUAGE ARTS WRITING METHODS FOR MIDDLE SCHOOL**3 sem. hrs.**

This course explores English language arts writing methods for the middle school classroom.

238 ENGLISH LANGUAGE ARTS LITERATURE METHODS FOR MIDDLE SCHOOL**3 sem. hrs.**

Connects theoretical bases for effective teaching to practical applications in a middle level English language arts classroom. Formerly *LITERATURE METHODS FOR MIDDLE SCHOOL*. Prerequisite: A minimum of 45 hours completed.

239 TEACHING SCIENTIFIC INQUIRY TO MIDDLE LEVEL LEARNERS**3 sem. hrs.**

Introduces students to scientific inquiry by examining science as a way of knowing and experiencing scientific inquiry in the middle level classroom. Materials charge optional. Prerequisite: TCH 130 or concurrent registration.

247 SCIENCE INQUIRY IN ELEMENTARY SCHOOLS**3 sem. hrs.**

Explores scientific inquiry by examining science as a way of knowing and by experiencing scientific inquiry in the elementary classroom. Materials charge optional. Prerequisite: TCH 210.

248 FOUNDATIONS FOR EFFECTIVE PRACTICE WITH ENGLISH LEARNERS**3 sem. hrs.**

This course introduces candidates to the cultural and linguistic diversity of elementary aged students, including English Language Learners (ELs), in classrooms, schools, and communities. Prerequisite: TCH 210 or concurrent registration.

249 METHODS AND MATERIALS FOR ENGLISH LEARNERS**3 sem. hrs.**

Opportunity to learn effective instructional methods and how to select and design appropriate materials for culturally and linguistically diverse students.

257 SCIENCE METHODS**3 sem. hrs.**

Methods associated with effective K-9 science instruction. Emphasis placed upon activity-based instructional strategies. Materials charge optional. Prerequisites: Elementary Education major only. Senior standing. TCH 208 and 209 taken within seven years. Concurrent registration in TCH 258, 260, and 264.

258 SOCIAL STUDIES METHODS**3 sem. hrs.**

Methods essential to effective K-9 social studies instruction. Focuses on current directions, research, and individual needs of diverse student populations. Prerequisites: Elementary Education major only. Senior standing. TCH 208 and 209 taken within seven years. Concurrent registration in TCH 257, 260, and 264. Admission to Professional Studies.

260 ELEMENTARY EDUCATION CLINICAL II**3 sem. hrs.**

Elementary classroom clinical experience providing an understanding of the strengths and needs of diverse learners in grades 1 through 6. Prerequisites: Concurrent registration in TCH 257, 258, and 264. Admission to Professional Studies.

264 LANGUAGE ARTS INSTRUCTIONAL STRATEGIES**3 sem. hrs.**

The curriculum organization, instructional strategies, and instructional materials for literacy programs. Includes satisfactory completion Clinical Experiences. Prerequisites: TCH 208 and 209 or 235 or 273. Admission to Professional Studies. A minimum of 75 hours completed.

265 CURRICULUM AND PEDAGOGICAL ISSUES IN A GLOBAL SOCIETY**1-6 sem. hrs.**

An introduction to educational systems and institutions in a non-U.S. context. Prerequisites: Admission to a teacher education program and concurrent participation in a study abroad program.

271 PREKINDERGARTEN EDUCATION**3 sem. hrs.**

An emphasis on planning, teaching, and evaluating programs with a focus on play, learning, materials, assessment, and working with birth - 5 year families. Prerequisites: Early Childhood major and TCH 210 taken within seven years. All sections of State of Illinois Test of Academic Proficiency (TAP) passed. Concurrent registration in TCH 278 and 292.

272 BILITERACY DEVELOPMENT IN K-12 CLASSROOMS**3 sem. hrs.**

This course will offer knowledge of biliteracy development for teachers to support culturally and linguistically diverse K-12 learners. Prerequisites: TCH 319; Early Childhood major and TCH 273, or Elementary Education major and TCH 208, or Middle Level Education major and TCH 235, or Secondary Education major or K-12 Education major and TCH 219 or concurrent registration.

273 EARLY LITERACY LEARNING**3 sem. hrs.**

Promotes understanding of reflective teaching and learning practices in the language arts in the early childhood classroom. Prerequisite: Concurrent registration in TCH 268, 271, and 292.

274 LITERACY AND ASSESSMENT**3 sem. hrs.**

Extension of knowledge of early literacy and the use of appropriate assessment measures and instructional strategies for all children in grades K-3. Prerequisites: TCH 293 taken within seven years; concurrent registration in TCH 276, 277, and 294. Admission to Professional Studies.

**275 TEACHING EARLY CHILDHOOD
MATHEMATICS II
3 sem. hrs.**

Content, methods, and materials focusing on fractions, measurement and geometry concepts for teaching at the pre-kindergarten through second grade level. Materials charge optional. Formerly *MATHEMATICS AND SCIENCE I*. Prerequisite: TCH 293 taken within seven years.

**276 TEACHING SCIENCE IN EARLY CHILDHOOD
3 sem. hrs.**

Content about how early childhood students acquire and apply fundamental science concepts, skills, and attitudes. Materials charge optional. Formerly *MATHEMATICS AND SCIENCE II*. Prerequisites: TCH 293 taken within seven years; concurrent registration in TCH 274, 277, and 294. Admission to Professional Studies.

**277 SOCIAL STUDIES FOR EARLY CHILDHOOD
3 sem. hrs.**

Content emphasis placed on cultural universals found in geography, history, economics, and citizenship. Prerequisites: TCH 293 taken within seven years; concurrent registration in TCH 274, 276, and 294. Admission to Professional Studies.

**278 PRACTICES AND ISSUES IN EARLY
CHILDHOOD EDUCATION
3 sem. hrs.**

Current and foundational issues and practices in early childhood education examined through the lens of practical experiences in student teaching. Prerequisites: Early Childhood Education major only. Concurrent registration in STT 399A54.

**292 EARLY CHILDHOOD EDUCATION
CLINICAL I
3 sem. hrs.**

Early Childhood Education Clinical: placement in Infant, Toddler and Prekindergarten settings - 50 clinical hours. Prerequisites: Early Childhood major and grade of C or better in TCH 210. All sections of State of Illinois Test of Academic Proficiency (TAP) passed. Concurrent registration in TCH 271 and 278. Completion of TB Test and criminal background check.

**293 EARLY CHILDHOOD EDUCATION
CLINICAL II
3 sem. hrs.**

Early Childhood clinical placement in K-3 settings - 50 clinical hours. Prerequisites: Concurrent registration in TCH 273, 275, and 314. Grade of C or better in TCH 271 taken within seven years. Completion of TB Test and criminal background check.

**294 EARLY CHILDHOOD EDUCATION
CLINICAL III
3 sem. hrs.**

Early Childhood clinical placement in K-3 setting. Clinical Experience: 50 hours. Prerequisites: TCH 293 taken within seven years; concurrent registration in TCH 274, 276, 277. Completion of TB Test; DCFS Health Form and criminal background check. Admission to Professional Studies.

**296 MIDDLE LEVEL EDUCATION CLINICAL I
3 sem. hrs.**

Middle level internship in a 5 through 8 grade setting. This is the first of two internships in the middle level program. Prerequisites: Concurrent registration in TCH 233 and 394.

**306 LITERACY AND TECHNOLOGY ACROSS
MIDDLE LEVEL DISCIPLINES
3 sem. hrs.**

Study of early adolescent literacy learning and instruction. Includes satisfactory completion Clinical Experiences. Formerly *EARLY ADOLESCENCE LITERACY LEARNING*. Prerequisites: Concurrent registration with TCH 333, 395, and 396.

**314 CURRICULUM, PLANNING AND
ASSESSMENT IN EARLY CHILDHOOD
CLASSROOMS
3 sem. hrs.**

Overview of curriculum standards, planning and assessment techniques, and effective learning environment tools. Formerly *LEARNING, ENVIRONMENTS, AND ASSESSMENT*. Prerequisites: TCH 271 taken within seven years; concurrent registration with TCH 293.

**318 EFFECTIVE STRATEGIES FOR
TEACHING ENGLISH LEARNERS
IN THE GENERAL EDUCATION CLASSROOM
3 sem. hrs.**

To prepare teacher candidates in Early Childhood, Elementary, Middle Level and Secondary Education to be effective teachers of English learners. Not for credit towards Bilingual Education endorsement or approval. Prerequisite: Minimum of 30 hours completed.

**319 STUDY OF BILINGUAL/
BICULTURAL EDUCATION
3 sem. hrs.**

Theory, research, and practice in bilingual/bicultural education. Prerequisites: Bilingual major or minor only and a minimum of 45 hours completed.

**320 ASSESSMENT OF BILINGUAL LEARNERS
AND BILINGUAL PROGRAM DESIGN
3 sem. hrs.**

Focuses on the assessment of bilingual learners and the design of language programs for bilingual students. Formerly *BILINGUAL/BICULTURAL PROGRAM DESIGN AND IMPLEMENTATION*. Prerequisites: Teacher Education program and TCH 248 or 319.

**321 METHODS AND MATERIALS FOR
BILINGUAL AND ENGLISH LANGUAGE
LEARNERS
3 sem. hrs.**

Survey of methods and development of materials for teaching bilingual/bicultural and English language learners. Formerly *BILINGUAL/BICULTURAL METHODS AND MATERIALS*. Prerequisite: Teacher Education program.

**322 INTERNSHIP IN BILINGUAL/
BICULTURAL EDUCATION
3 sem. hrs.**

Internship in a bilingual education program. Prerequisites: Bilingual major only. Bilingual language proficiency (ENG/SPA) or consent of instructor. TCH 321 taken within seven years, and placement in a bilingual classroom.

**333 MIDDLE LEVEL CURRICULUM,
INSTRUCTION, AND ASSESSMENT**
3 sem. hrs.

Curriculum designs, principles of curriculum development, and problems encountered by practitioners in early adolescent education. Clinical Experiences. Prerequisites: Middle Level Teacher Education major. TCH 233 taken within seven years. Admission to Professional Studies. Concurrent registration with TCH 306, 390, 395 and 396.

**334 ENGLISH LEARNERS IN THE MIDDLE
LEVEL CLASSROOM**
3 sem. hrs.

This course provides methods and materials of teaching English Learners at the middle grade level. Includes 10 clinical experience hours. Prerequisites: Middle Level Teacher Education majors only; TCH 130.

**351 SCIENCE METHODS FOR
THE MIDDLE SCHOOL**
3 sem. hrs.

Strategies for teaching science which center around developing scientific literacy principles in the young adolescent child. Materials charge optional. Prerequisites: Middle Level Teacher Education major only. TCH 233 or concurrent registration and TCH 239.

**352 SOCIAL STUDIES METHODS
FOR THE MIDDLE SCHOOL**
3 sem. hrs.

Methods of social studies instruction for pre-service middle school teachers. Includes examination and use of instructional strategies and curriculum materials. Prerequisites: Middle Level Teacher Education major only. TCH 233 or concurrent registration.

**390 MIDDLE LEVEL STRATEGIES
AND RESOURCES**
3 sem. hrs.

Methods and materials for teaching-learning experiences at this school level; instructional strategies; classroom management; guidance techniques; and pupil evaluation. Includes satisfactory completion Clinical Experiences: 60 hours. Prerequisites: Middle Level Teacher Education major only. TCH 233 taken within seven years; concurrent registration TCH 333 and 395. Admission to Professional Studies.

**391 TEACHING FOR EQUITY IN ELEMENTARY
CLASSROOMS: ASSESSMENT,
COLLABORATION AND COMMUNICATION**
3 sem. hrs.

Collaboratively with student teaching, candidates will explore issues in the field today through the lens of their ongoing practical experience. Prerequisite: Concurrent registration in STT 399A50.

**394 SPECIAL EDUCATION IN MIDDLE
LEVEL SCHOOLS**
3 sem. hrs.

This course examines disability categories and characteristics, legal mandates, instructional methods, and appropriate modifications for MLE students. Clinical Experiences: 20 hours. Formerly *TEACHING YOUNG ADOLESCENTS WITH DISABILITIES*. Also offered as SED 394. Prerequisites: Concurrent registration in TCH 233 and 296.

**395 ISSUES AND STRATEGIES IN MIDDLE
LEVEL TEACHING**
3 sem. hrs.

Philosophy, functions, curricula of young adolescent education as implemented in middle schools. Relationships between pupils' developmental characteristics, needs, and behaviors and development of school programs. Problems, issues, evaluation and accreditation of junior high/middle schools. Clinical Experiences. Formerly *CURRENT TOPICS AND ISSUES IN MIDDLE LEVEL EDUCATION*. Prerequisites: Middle Level Teacher Education major only. Admission to Professional Studies. Concurrent registration in TCH 306, 333 and 396.

396 MIDDLE LEVEL EDUCATION CLINICAL II
3 sem. hrs.

In this course students will reflect upon field experiences in their major programs. Not for credit if had TCH 398 Professional Practice. Prerequisites: Concurrent registration in TCH 306, 333, and 395.

**398 PROFESSIONAL PRACTICE: SCHOOL/
COMMUNITY INVOLVEMENT**
2-6 sem. hrs.

This course provides specific clinical experiences for teacher candidates to further enhance pre-student teaching and student teaching classroom experiences as needed for the candidate's professional development and specific program of study.

COLLEGE OF FINE ARTS

Dean: Jean Miller, 116 Center for the Visual Arts.

Website: FineArts.IllinoisState.edu

The College of Fine Arts offers majors in Art, Arts Technology, Dance, Music, and Theatre for students pursuing careers as professional artists, performers, scholars, and teachers. Degrees offered include the B.A., B.S., B.F.A., B.M., B.M.E., M.A., M.S., M.F.A., and M.M. We serve a variety of student talents and interests with our comprehensive, flexible curricula. The College creates a vibrant cultural environment for the campus, community, and region with hundreds of performances, exhibits and lectures each year.

Arts Technology Program (ATK) 575

Director: Aaron Paolucci, 116 Center for the Visual Arts
Phone: (309) 438-2875

Degrees Offered: B.A., B.S.

MAJOR IN ARTS TECHNOLOGY

The major in Arts Technology is a 55-hour interdisciplinary program in the College of Fine Arts that emphasizes theory, design, and practice in the application of computer technology to art, music, and theatre and dance. The degree provides undergraduate training and experiences in arts technology to better prepare students with a broad range of knowledge and skills in multimedia design, including digital video and sound, computer graphics and theatre design, digital and MIDI music, and Web design.

Admission and Retention Requirements:

All students must undergo a portfolio review and/or an interview with the Arts Technology Admissions Committee before being admitted into the program. The Committee will evaluate admission requests from new beginning freshman, new transfer students, and internal transfers. The Arts Technology program reserves the right to maintain a balanced enrollment and the number of students wishing to enter the Arts Technology program may be restricted.

Students will be allowed to continue in the Arts Technology program who have met and continue to maintain a cumulative GPA of 2.50 and have demonstrated competency through an intermediate portfolio review.

Academic Requirements:

The 55 hours required for the degree are programmed as follows:

Fine Arts Core (11 hours): This group of courses provides the student with a basic experience in reading and performing music, visual arts experience in drawing and design, and interdisciplinary fine arts history study: 3 hours from the following: ART 103, 104 or 109; and 2 hours from the following: MUS 118 or 119, 121A10, or 126; and 6 hours (in two different Schools) from the following: ART 155, 156, MUS 152, THE 170 or 171.

Arts Technology Core (8 hours): This group of courses provides the student with a foundation of study in digital media and multimedia design: ATK 201, 301; and 302.

Additional Fine Arts Study (18 hours): This group of courses provides the student with fine arts training in the historical and theoretical foundations, skills, and performance and production experiences of the arts. Choose one area of Fine Arts emphasis from the schools of Art, Music, or Theatre and Dance.

Art: 6 hours in addition to the Art course completed for the Fine Arts Core from the following courses: ART 103, 104, or 109 and 12 hours from the following: ART 226, 232, 233, 235, 236, 252, 261, 262, 284, 357, or

363; or

Music: 6 hours in addition to the Music course completed for the Fine Arts Core from the following courses: MUS 118 or 119, 121, 126, or from Applied Music study (MUS 131-138 or 231-238); and 6 hours from the following: MUS 101 and 107, or 102 and 108; and 6 hours from the following: MUS 167, 175, 205, 207, 265, 360, or up to two credit hours of a music ensemble (MUS 139 or 239). Auditions may be required by the School of Music for some of these courses; or

Theatre: 18 hours from the following: DAN 119; THE 101, 102, 110, 130, 160, 258, 260, 261 or 344.

Additional Arts Technology Study (15 hours): Select from the following courses after completion of the Fine Arts Core, the Arts Technology Core, and the Arts Technology intermediate portfolio review.

- 3 hours from the following: ATK 240, 300, 340, 345, or 380.
- 3 hours from the following: ATK 300, ART 371, THE 360 with graphic topics, or ATK 380.
- 9 hours from any of the following courses, or other courses that emphasize Arts Technology applications with approval of the program advisor: ATK 260, 300, 320, 340, 345, 380, 390; ART 371 or THE 360; ART 253, 351A24, 351A85; or THE 367; (ATK 300 and 380 may be repeated with different topics or experiences).

Capstone Experience in Arts Technology (3 hours): Internship in Arts Technology (ATK 398 or comparable culminating experience in multimedia design as approved by the program advisor e.g. ATK 260).

Arts Technology Courses (ATK)**201 BASIC SKILLS IN THE DIGITAL ARTS
2 sem. hrs.**

Introduction to the conceptual and technical skills required to capture, edit, and create digital graphics, audio, and video imagery. Formerly ART/MUS/THE 276. Prerequisite: Fine Arts major or minor or consent of the instructor.

**240 SOUND DESIGN 1: BEGINNING DIGITAL
AUDIO
3 sem. hrs.**

Introduction to digital audio and aesthetic principles of sound. Formerly ART/MUS/THE 243 *SOUND DESIGN 1: PROPERTIES AND AUDIO TECHNOLOGIES*. Prerequisite: Arts Technology major or consent of the instructor.

**260 ARTS TECHNOLOGY
PERFORMANCE STUDIO
3 sem. hrs.**

Creative and interdisciplinary experiences in solo and ensemble performance integrating computer technology into music, dance, performance art, or theatre production. Formerly ART/MUS/THE 206. Prerequisite: Consent of the instructor.

300 COMPUTER ARTS APPLICATIONS**1 sem. hr.**

Variable topic course that focuses on the application of computer software to solving studio, performance, and production problems in the arts. May be repeated if content is different. Formerly ART/MUS/THE 301. Prerequisite: Consent of the instructor.

301 SOFTWARE DESIGN IN THE ARTS I**3 sem. hrs.**

Designing and programming microcomputer-based software which solve particular applications problems in the fine arts. Formerly ART/MUS/THE 387.

302 COMPUTER PROGRAMMING FOR CREATIVES**3 sem. hrs.**

Text-based, object-oriented, computer programming concepts for areas including interactive design, user interfaces, data visualization, and gaming. Formerly ART/MUS/THE 350 *SOFTWARE DESIGN IN THE ARTS II*. Prerequisite: Arts Technology major or consent of the instructor.

320 PROGRAMMING DYNAMIC MEDIA**3 sem. hrs.**

Programming concepts using a graphical, dataflow environment for media-based performance, interactive installation, and generative art/sound. Prerequisite: Arts Technology major or consent of the instructor.

340 SOUND DESIGN 2: ADVANCED DIGITAL AUDIO**3 sem. hrs.**

Advanced digital audio and aesthetic principles of sound. Formerly ART/MUS/THE 343. Prerequisite: Arts Technology major, ATK 240, or consent of the instructor.

345 SEQUENCING AND DIGITAL AUDIO**3 sem. hrs.**

Study of music synthesis through MIDI sequencers, digital sound editing and recording, and the integration of digital audio and MIDI. Formerly ART/MUS/THE 354. Prerequisite: Consent of the instructor.

380 SELECTED TOPICS IN ARTS TECHNOLOGY**3 sem. hrs.**

Varied emphases reflecting integration of computers with digital sound/graphic technologies and authoring tools for applications in the arts. Formerly ART/MUS/THE 388. May be repeated if content is different.

390 DIRECTED PROJECTS/SEMINAR IN ARTS TECHNOLOGY**2-6 sem. hrs.**

Pursuit of individualized creative projects in Arts Technology. May include periodic critiques with other students pursuing directed projects. May be repeated for a maximum of 6 hours. Prerequisite: Consent of the instructor.

398 PROFESSIONAL PRACTICE: COOPERATIVE EDUCATION/INTERNSHIP IN ARTS MICRO-COMPUTER APPLICATIONS**2-6 sem. hrs.**

Internship providing the opportunity to apply knowledge of arts technology in arts agencies, business and/or education settings. Formerly ART 398A09. Prerequisites: ATK 201; 1 course selected from ATK 301; MUS 211; or ART 371 or THE 360. Junior/senior standing in area of concentration; 2.50 GPA.

ART (ART)

119 Center for the Visual Arts, (309) 438-5621

Website: FineArts.IllinoisState.edu/art

Email: ISUArt@IllinoisState.edu

Director: Michael Wille.

Tenured/Tenure-track Faculty:

Professors: Crowley, Lee, Lieberman, Lotz, Mai, J.M. Miller, O'Donnell, Rankin, Smelser, Walker, Wille.

Associate Professors: Barroqueiro, Beckner, Briggs, Bushell, Fischer, Friedman, M. Johnson, Justis, J. R. Miller, Oresky, Shekara, Stafford, Stewart.

Assistant Professors: Cline, Franklin, Price, Reid, Schulman.

General School Information

Accreditation:

The School of Art is accredited in Division I by the National Association of Schools of Art and Design and the National Council for Accreditation of Teacher Education.

Academic Requirements:

All incoming undergraduate students are initially enrolled in the B.A. or B.S. programs, depending on their interests. Those who wish to apply to the B.F.A. program do so no earlier than the second semester during their sophomore year. See below for further information on these degree programs and their requirements.

The School of Art expects regular class attendance and supports faculty members who choose to reduce course grades for lack of participation, including excessive absences.

HONORS IN ART

Art majors and B.F.A. candidates with superior academic records are invited to apply for admission to the School of Art Honors Program. Students successfully completing the Honors Program will receive the designation of Honors in Art in their field of study upon graduation. The student's official academic transcript and diploma will be so noted.

Admission Requirements:

The candidate must:

- Be a declared Art major or admitted to the B.F.A. program with at least 60 and not more than 90 hours of course work completed;
- Have a minimum 3.30 overall GPA;
- Have a minimum 3.50 School of Art GPA;
- Submit a letter of recommendation from a faculty member in the student's sequence (Studio Arts, Graphic Design, Art History, Teacher Education);
- Have demonstrated evidence of leadership by participating in student organizations or entering exhibitions or receiving recognition for written work;
- Submit a letter of application to the School of Art Honors advisor.

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Honors Program Requirements:

- Successfully complete a minimum of 3 hours of School of Art honors courses each semester for a total of 12 honors hours prior to graduation (2 specific honors courses; 2 honors independent study—299 courses);
- Initiate and complete a research project or honors portfolio under the direction of a faculty member in the student's sequence;
- Maintain a 3.30 overall GPA;
- Maintain a 3.50 School of Art GPA;
- Receive no grade less than B in any Art course while enrolled in the program;
- Fulfill the general requirements for participation in the University Honors Program.
- **NOTE:** Once admitted to the School of Art Honors Program, the honors candidate will be advised by the School of Art honors advisor, who must approve the candidate's course of studies each semester.

Further details about the University Honors program are available at Honors.IllinoisState.edu.

Art Programs

Degrees Offered: B.A., B.S., B.F.A.

MAJOR IN ART (B.A., B.S.)

Academic Requirements:

Students seeking admission to the Major in Art must comply with criteria established by the School of Art, including submission of a portfolio of work for review by the School. Students interested in the Art History Sequence will submit a statement explaining their interest in the field, in lieu of the portfolio. Specific requirements for the portfolio and statement may be obtained from the School office.

To graduate with a Major in Art (B.A., B.S.) students must complete all requirements of one of the School of Art's Sequences: Studio Arts, Graphic Design, Art History, or Teacher Education. They must also earn grades of C or better and maintain a 2.50 GPA in all courses taken in the School of Art, in addition to maintaining a cumulative GPA of at least 2.00. Individual sequences may have higher requirements. Courses in the Major may be repeated no more than once for the purpose of attaining the necessary minimum grade. Students may not enroll for the next course in a related series until the minimum grade in the prerequisite course is achieved. Incoming transfer students must retake courses considered equivalents to courses in the Major for which they earned lower than a grade of C. Students who do not meet these criteria will be placed on probation with the School of Art; a student placed on probation more than once will be dropped from the School.

NOTE: Admission to some Sequences in Art may be restricted by the lack of available School resources, especially in times of oversubscription.

All Sequences in the Major in Art require successful completion of the Art History Core, the Foundations program appropriate to that sequence, a series of courses

specific to the chosen sequence, and electives in Art. Students must complete all Sequence Foundations courses before being permitted to continue in one of the sequences in the Art major; gifted students may be allowed to take 200-level courses in their areas of interest during the freshman year, pending approval of the School. Students must also complete all Art History Core courses before they may enroll in 300-level Art History courses. Requirements for each Sequence are described below. NOTE: Some sequences, Graphic Design for example, have screening procedures that students must pass before being accepted; information on these may be found in the School of Art office.

Students must make every effort to complete the required Foundations courses in their first three semesters in the program. Under most circumstances students will formally declare intention to enter a particular sequence in the Art major in the second semester of the sophomore year. Students will arrange to participate in screening requirements for their preferred sequence; those not accepted into competitive sequences may be reconsidered the following semester and should consult with appropriate faculty for advice before rescreening. Also in the sophomore year, students will begin enrolling in courses appropriate to their sequence of interest. In the case of the Studio Arts Sequence, this also requires declaring a specific Discipline Area in consultation with the School's academic advisor. Required courses for the various Disciplines are listed below.

Studio Arts Sequence:

Degrees offered: B.A., B.S.

The Studio Arts Sequence emphasizes both breadth and depth of competence in Studio-based Art disciplines. It expands students' horizons beyond the Foundations level with work in a variety of media and disciplines. By requiring intensive study, it develops depth within at least one Studio Discipline Area (ceramics, drawing, glass, intaglio, lithography, metalwork and jewelry design, painting, photography, sculpture, video or wood) through the completion of a specific series of courses identified below (see Studio Discipline Areas). It likewise encourages exploration of new genres that break through traditional boundaries between disciplines and media. This sequence prepares students to work as visual arts professionals or pursue graduate studies.

- 54 hours in Art required as follows:
- 6 hours Art History core: ART 155, 156. Students are strongly encouraged to complete ART 155 and 156 before registering in 200-level coursework in Art History.
- 9 hours Studio Arts Foundations: ART 103, 104, 109.
- 39 hours of Sequence requirements and electives in Art, which must include:
 - (1) all courses listed below as appropriate to the chosen Discipline Area (21-27 hours);
 - (2) either ART 280 or 281 and one additional 200-level Art History course in a pre-20th century period; and one 300-level Art History seminar course (9 hours);

(3) additional studio coursework in various media and disciplines to complete the remainder of the required 39 hours (3-9 hours, depending on chosen Discipline Area). Studio coursework in the Discipline Area and electives must include at least 12 hours of study at the 200 level and 6 hours of study at the 300 level.

- **NOTE:** ART 201, 207, 211, 307, 309 do not count toward the Studio Arts Sequence.
- **NOTE:** 300-level courses within the various Discipline Areas may be repeated.

Discipline Areas in Studio Arts: Students in the Studio Arts Sequence will choose one of the following disciplines as a means of developing extended awareness and competence through intensive engagement in a particular area of the Studio Arts. The groups of courses shown below for each discipline include: (1) the courses required within that discipline (students will normally enroll in the initial course in the sophomore year), and (2) additional courses deemed appropriate for the discipline, which students are expected to include when selecting electives. These additional courses include Studio courses that fulfill the requirements for electives in Art noted above; they may also include non-Studio or non-Art courses that serve as general electives. Students are encouraged to consult with faculty members in their Discipline Areas for advice on choosing electives that will complement their individual interests.

Ceramics: ART 228, 229 and 328; 232 and 234; 213 and 3 hours from drawing, intaglio, lithography, painting, photography, or video.

Drawing: ART 213, 214, 313 and 331; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; either ART 235 or 252; either ART 245 or 246, and 261.

Glass: ART 255, 355 and 364; 232 and 3 hours from ceramics, metalwork and jewelry design, sculpture or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Intaglio: ART 245, 345 and 347; 232 and 3 hours from ceramics, glass, metalwork and jewelry design or wood; ART 213 and 261.

Lithography: ART 246, 346 and 347; 232 and 3 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; ART 213 and 261.

Metalwork and Jewelry Design: ART 224, 225 and 324; 232 and 3 hours from ceramics, glass, sculpture or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Painting: ART 261, 262, 360 and 361; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; either ART 235 or 252; either ART 245 or 246; and 213.

Photography: ART 235, 236, 267, 335, and 6 hours from ART 252, 253, 333, 351A16, 356, 358; 6 hours from ceramics, glass, metalwork and jewelry design, sculpture or wood; 3 hours from drawing, intaglio, lithography, painting or graphic design.

Sculpture: ART 232, 233 and 332; 228 and 3 hours from ceramics, glass, metalwork and jewelry design or wood; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Video: ART 252, 253 and at least 3 hours of 351A84; 235 and ATK 201; 6 hours of other electives chosen in consultation with Video faculty and according to whether students' interests in Video tend toward (A) narrative, (B) installation, or (C) multimedia/digital applications. Recommended electives for these applications include: (A) ART 236, 349, 356; ATK 345; THE 153, 170, 261, 370; or (B) ART 232, 349; ATK 345; THE 170, 261, 370; or (C) ART 349, 356; ATK 260, 300, 302, 345, 380; THE 261.

Wood: ART 234, 344 and 351A45; 232 and 3 hours from ceramics, glass, metalwork and jewelry design, glass or sculpture; 6 hours from drawing, intaglio, lithography, painting, photography or video.

Restricted Admission to a Discipline Area:

In times of oversubscription and limitations on resources within the School of Art, some Discipline Areas may require faculty screening of students' supportive materials before allowing individual students to enroll in the second course in that Discipline.

Graphic Design Sequence:

Degrees offered: B.A. B.S.

Students in the Graphic Design Sequence develop an understanding of communication and perceptual theory, typography, 2D and 4D composition, and design history; as well as image making, design methodologies, information design, branding, and design for multicultural audiences.

- 54 hours in Art required, as follows:
- 6 hours Art History core: ART 155, 156. Students are strongly encouraged to complete ART 155 and 156 before registering in 200-level coursework in Art History.
- 9 hours Graphic Design Foundations: ART 103, 104, 109.
- 30 hours required sequence courses: ART 216, 226, 227, 235, 302, 315, 323, 326, 336, 337.
- 9 hours electives: 3 hours from ART 213, 245, 246, 252, 261, 371; or ATK 380; 3 hours from ART 279, 280, or 281; 3 hours from any 300-level Art History seminar.
- **NOTE:** ART 201, 207, 211, 307, 309 do not count toward the Graphic Design Sequence.

Admission-Retention Requirements for the Graphic Design Sequence:

Students will be admitted to the Graphic Design Sequence who have completed the Graphic Design Foundations and ART 226, be enrolled in or have completed ART 227 at the time of screening, have at least a cumulative and major 2.50 GPA, and have demonstrated competency through a portfolio review. The number of students admitted may vary depending on program capacity and qualifications of applicants in the pool. Consult the School of Art for further information on admission to the Graphic Design Sequence.

Students will be allowed to remain in the Graphic Design Sequence if they continue to maintain a cumulative and major 2.50 GPA. Students whose cumulative or major GPA falls below 2.50 will not be allowed to register for Graphic Design courses until the GPA has been raised to a 2.50 or higher.

Art History Sequence:

Degree offered: B.A.

The Art History Sequence provides students a solid grounding in the history of art on both introductory and advanced levels. In addition, the sequence includes exposure to related disciplines outside the visual arts, training in foreign language, and experience in advanced research and writing skills. Together, these requirements prepare students for effective graduate work in Art History or other fields and for positions in a variety of art- and non-art-related fields.

- 57 hours in Art and related fields as follows:
- 39 hours in Art:
- 12 hours in Art History Foundations: ART 155, 156, 275, 290. Students are strongly encouraged to complete ART 155 and 156 before registering for 200-level coursework.
- 15 hours intermediate courses including at least 1 course from each of the following groups:
Group I: ART 240, 241, 242, 244, 263.
Group II: ART 264, 265, 266, 267.
Group III: ART 279, 280, 281.
- 12 hours advanced courses, including ART 395 and three seminar courses selected from: ART 303, 304, 305, 306, 311.
- 18 hours required in other departments: HIS 101, 102; and French, German, Italian or Spanish 115 (12 hours) or demonstrated proficiency at the third level or higher. In special circumstances, students may satisfy the Art History language requirement with a language or languages other than the four listed above. In such cases, the language(s) must be appropriate to the student's plan of study and career goals. Alternate plans of language study must be approved by the Art History faculty in order to receive credit toward the sequence.
- It is recommended that students select electives in courses related to Art History offered by the following departments/schools: Anthropology; English; Languages, Literatures, and Cultures; History, Music; Philosophy; Theatre and Dance. Students are encouraged to consult with the Art History faculty for advice on choosing electives in Art History and other departments that will complement their own areas of interests. Faculty are also available for consultation on preparing for graduate school.
- **NOTE:** ART 201, 207, 211, 216, 307, and 309 do not count toward the Art History Sequence.
- **NOTE:** Students may combine Art History and Studio by declaring a second Sequence in Studio Arts and fulfilling all requirements for both sequences. This will include submitting a portfolio of art work for admission.

Admission-Retention Requirements for Art History Sequence:

Students will be admitted to the Art History Sequence with a minimum cumulative GPA of 2.50 and grades of B or better in ART 155 and 156. See the School of Art office for more information. Students will be allowed to continue in the sequence if they maintain a minimum cumulative and major GPA of 2.50.

Art Teacher Education Sequence:

Degree offered: B.S

The Art Teacher Education Sequence is a program that emphasizes a comprehensive approach that supports state and national student learning standards and teaching performance standards in the visual arts. Also stressed are creative and critical thinking, studio techniques, understanding the learner and developing skills to become an effective teacher. Students completing this sequence are eligible to apply for teaching licensure with a K-12 endorsement for teaching art in the State of Illinois.

- 83 hours in Art and Professional Education required. Part of entitlement program leading to teaching licensure with a Special K-12 endorsement. All Art majors planning to become licensed teachers must apply for and be admitted to the University Teacher Education program (see University-Wide Teacher Education program section of this *Undergraduate Catalog*). Grades of C or better in all Art and Education courses, and a 2.50 cumulative and major GPA are required for admission and retention in this sequence. Students must submit a portfolio of 15-20 recent art works and be interviewed by art education faculty prior to acceptance into the Art Teacher Education Sequence. Acceptance is required before registering for ART 201 and TCH 212. Continuation in the Art Teacher Education Sequence is not automatic. Students' performance will be evaluated each semester.
- 57 hours in Art required, as follows:
 - 6 hours Art History core: ART 155, 156. Students are strongly encouraged to complete ART 155 and 156 before registering in 200-level coursework in Art History.
 - 9 hours Art Teacher Education Foundations: ART 103, 104, 109.
 - 39 hours required sequence courses: ART 201, 211, 212, 307, 309 (2 consecutive semesters starting in the fall); ART 213, 228, and 261; 3 hours from ART 224, 232, 255; either ART 280 or 281 and one additional 200-level Art History course (ART 275 is strongly recommended); one 300-level Art History seminar course.
 - 3 hours (minimum) Art electives. Students are encouraged to enroll in as many additional Art electives as their schedule and capabilities allow to deepen study in a single discipline.
 - 26 hours Professional Education requirements: EAF 228 or 231 or 235; PSY 215; TCH 212, 216, 219; and STT 399A02 Student Teaching. (12 hours - entire semester experience).

NOTE: Students should take the State of Illinois Test of Academic Proficiency (TAP) (fee required) as early as possible. Students are required to pass the Illinois K-12 Art Content Exam, submit a Criminal Background Check and a negative TB test prior to student teaching.

The sequence in Teacher Education may also be combined with a sequence in Studio Arts, Graphic Design, or Art History. Pursuing a double sequence may require additional semesters. However, this option is strongly recommended to prepare students for teaching art in the public schools of today. See catalog copy under the other sequences for further information, including Discipline Areas within the Studio Arts sequence.

Students are also encouraged to take coursework in Urban Education and Languages, Literatures, and Cultures.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

MINOR IN ART

Students must earn grades of C or better and maintain a 2.50 GPA in all courses taken in the School of Art, in addition to maintaining a cumulative GPA of at least 2.00. Individual sequences may have higher requirements. Courses in the minor may be repeated no more than once for the purpose of attaining the necessary minimum grade. Students may not enroll for the next course in a related series until the minimum grade in the prerequisite course is achieved. Incoming transfer students must retake courses considered equivalents to courses in the minor for which they earned lower than a grade of C. Students who do not meet these criteria will be placed on probation with the School of Art; a student placed on probation more than once will be dropped from the School.

Art History Sequence:

- 24 hours in Art required, as follows:
- 12 hours Art History Foundations: ART 155, 156, 275, 290. Students are strongly encouraged to complete ART 155 and 156 before registering in 200-level coursework.
- 6 hours of electives in 200-level Art History courses, from the following: ART 240, 241, 242, 244, 263, 264, 265, 266, 267, 279, 280, 281.
- 6 hours of electives in 300-level Art History courses from the following: ART 303, 304, 305, 306, 311, 351A30, 395, 398A08.

Bachelor of Fine Arts Program

The Bachelor of Fine Arts (B.F.A.) degree program is a highly selective program oriented toward advanced professional study in the studio arts. Students accepted into this program have additional opportunities beyond those of the B.A./B.S. programs to specialize in a particular studio art discipline in preparation for graduate study for the M.F.A., the terminal degree program in this field, and/or careers in professional art fields. Further information on the B.F.A. program can be found in the School of Art office.

MAJOR IN ART

Degree offered: B.F.A.

- 83 hours in Art required as follows:
- 6 hours in Art History core: ART 155, 156. Students are strongly encouraged to complete ART 155 and 156 before registering in 200-level coursework in Art History.
- 9 hours B.F.A. Foundations: ART 103, 104, 109.
- 20 hours required courses: ART 349, 363, and 394; 6 hours from ceramics, metalwork and jewelry design, glass, sculpture, wood; 6 hours from drawing, intaglio, lithography, painting, photography, video.
- 12 hours of intermediate and advanced Art History courses: ART 280 and 281, one additional 200-level Art History course in a pre-20th century period, and any 300-level Art History seminar course.
- 3 hours of electives in Art or Art History. Students should consult with faculty mentors to determine an

appropriate elective for their chosen course of study.

- 33 additional hours in a specialization in any Discipline Area offered by the School and selected in consultation with the faculty mentors. (See list of Discipline Areas, under Major in Art (B.A., B.S.), Studio Arts Sequence, in this *Undergraduate Catalog*.) A specialization that combines Discipline Areas may also be developed in consultation with and must be approved by faculty mentors and the B.F.A. Committee of the School of Art.
- **NOTE:** ART 201, 211, 307, 309 do not count toward the major.

Admission-Retention Requirements for the B.F.A.

Students may apply to the B.F.A. Degree program beginning in their sophomore year. Students seeking admission to the B.F.A. program must have a minimum 3.00 cumulative and major GPA and must submit a portfolio of creative work to the School of Art for the competitive review that is part of the admission process. Further information on admission requirements for the B.F.A. program is available from the School's undergraduate academic advisor. Students will be allowed to remain in the program if they maintain a minimum cumulative and major GPA of 3.00.

To graduate with a B.F.A., all students are also required to organize and present a solo exhibition of their work during the final year. This exhibition must be accompanied by a public oral presentation, an exit portfolio and a written supportive statement approved by the student's B.F.A. faculty mentors.

Art Courses

The School of Art reserves the right to keep for demonstration and exhibition examples of work done by students for course requirements.

**103 VISUAL THINKING: 2-D FUNDAMENTALS
3 sem. hrs.**

Concepts fundamental to all studio offerings. Exploration of elements and principles of visual language. Development of visual and conceptual ideas. Materials charge optional.

**104 VISUAL THINKING: DRAWING
FUNDAMENTALS
3 sem. hrs.**

Concepts fundamental to all studio offerings. Emphasis on direct observation, developing pictorial space and drawing concepts, practiced with traditional materials. Materials charge optional. Prerequisite: Art major only.

**104A01 VISUAL THINKING: DRAWING
FUNDAMENTALS - FOR NON-ART MAJORS
3 sem. hrs.**

Concepts fundamental to all studio offerings. Emphasis on direct observation, developing pictorial space and drawing concepts, practiced with traditional materials. Materials charge optional. For non-Art majors only.

109 VISUAL THINKING: 3-D FUNDAMENTALS**3 sem. hrs.**

Concepts fundamental to all studio offerings. Use of a variety of materials to explore fundamental 3-dimensional design concepts. Introduction to the use of hand and power tools. Materials charge optional.

155 SURVEY OF ART I**FA****3 sem. hrs.**

Arts from prehistoric times to end of Medieval period, circa 1400.

156 SURVEY OF ART II**FA****3 sem. hrs.**

Art and architecture in Western Europe and the United States from the late Middle Ages through the 20th century.

176 ARTS AND SOCIETY:**VISUAL ARTS****FA****3 sem. hrs.**

Examination of the relationship between the visual arts and their political/social culture.

183 PUPPETRY**3 sem. hrs.**

Introductory course on the art of puppetry. Course gives students understanding of the theoretical and practical implementation of the art of puppetry. Also offered as THE 183.

201 MEDIA, TECHNIQUES AND INQUIRY FOR ELEMENTARY AND MIDDLE LEVEL SCHOOLS**3 sem. hrs.**

Media, techniques, and inquiry suitable for elementary and middle level schools. Clinical Experience: 10 hours. Materials charge optional. Prerequisites: ART 103, 104, 109. Art Education major only or consent of the School.

204 ARTS FOR ELEMENTARY SCHOOLS: VISUAL ART**3 sem. hrs.**

Theoretical, practical, and experiential learning for developing awareness, knowledge and skills in visual art with an emphasis on integrating the arts. Materials charge optional. Prerequisites: A minimum of 45 hours completed. Overall GPA 2.50. Elementary Education major only.

208 ARTS FOR EARLY CHILDHOOD: VISUAL ART**3 sem. hrs.**

Theoretical, practical, and experiential learning for developing knowledge and skills in visual art with emphasis on integrating the arts. Materials charge optional. Prerequisites: A minimum of 30 hours completed. Early Childhood Education major only.

211 MEDIA, TECHNIQUES AND INQUIRY FOR SECONDARY SCHOOLS**3 sem. hrs.**

Media, techniques and inquiry suitable for secondary schools. Clinical Experience: 10 hours. Materials charge optional. Prerequisites: ART 103, 104, 109; Teacher Education Sequence only or consent of the School. Grade of C or better in ART 201.

212 TEACHING IN THE DIGITAL ART STUDIO**3 sem. hrs.**

Theory-informed, pedagogical methods and studio course for art education students and teachers using technologies found in K-12 schools.

213 LIFE DRAWING I**3 sem. hrs.**

Introduction to drawing the human figure from direct observation. Anatomical structure, pictorial structure and expression. Discussion and critiques. Materials charge optional. Prerequisites: ART 103, 104, 109; or consent of the instructor and School.

214 DRAWING COMPOSITION**3 sem. hrs.**

Expanded concepts of drawing, alternative forms of imaging, contemporary issues and related formal concerns. Readings, discussion and critiques. Materials charge optional. Prerequisites: ART 103, 104, 109, 213 or consent of the instructor and School.

216 GRAPHIC DESIGN HISTORY**3 sem. hrs.**

Survey of Graphic Design History with an emphasis on movements, significant figures and technological advancements in the field since 1800. Does not fulfill program requirements for Art History credit. Prerequisites: ART 155, 156.

224 METALWORK AND JEWELRY DESIGN I**3 sem. hrs.**

Introduction to the tools, techniques, and fabricating processes used for creating in metals. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent of the instructor and School.

225 METALWORK AND JEWELRY DESIGN II**3 sem. hrs.**

Further exploration of fabrication and casting techniques; emphasis on surface treatment such as repousse', etching, lamination, and inlay. Materials charge optional. Prerequisites: ART 103, 104, 109, 224.

226 GRAPHIC DESIGN I**3 sem. hrs.**

Basic graphic design techniques. Includes study of letter forms and design procedures. Practice in rendering skills. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent of the instructor and School.

227 GRAPHIC DESIGN II**3 sem. hrs.**

Application of design techniques to visual communications media. Emphasis on combining lettering with illustrational elements in preparation for reproduction processes. Materials charge optional. Prerequisites: ART 103, 104, 109, 226.

228 CERAMICS I**3 sem. hrs.**

Introduction to the physical characteristics of clay. Basic hand building and firing processes explored. Introduction to glaze processes. Materials charge optional. Prerequisites: ART 103, 104, and 109 or consent of the instructor and School.

229 CERAMICS II**3 sem. hrs.**

An expansion of hand building methods and the introduction of wheel-throwing techniques. Glazing and firing methods emphasized. Materials charge optional. Prerequisites: ART 103, 104, 109, 228.

232 SCULPTURE I**3 sem. hrs.**

Exploration of sculpture techniques and materials within context of historical developments. Introduction to 3-dimensional spatial concerns. Materials charge optional. Prerequisites: ART 103, 104, and 109 or consent of the instructor and School.

233 SCULPTURE II**3 sem. hrs.**

Further exploration of sculpture techniques and materials. Advanced 3-dimensional spatial concerns presented within a context of art historical development. Materials charge optional. Prerequisites: ART 103, 104, 109, 232.

234 WOOD I**3 sem. hrs.**

Studio course exploring wood as a design medium. Materials charge optional. Prerequisites: ART 103, 104, 109 or consent of the instructor and School.

235 PHOTOGRAPHY I**3 sem. hrs.**

Photography as an art form. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent of the instructor and School.

236 PHOTOGRAPHY II**3 sem. hrs.**

Further study of photography as an art form. Individual exploration of techniques and subjects. Materials charge optional. Prerequisites: ART 103, 104, 109, 235.

238 WOOD/METAL DESIGN 1**3 sem. hrs.**

Wood and metal as media used to solve visual and conceptual problems. Focus on basic skills in woodworking and metalworking. Not for credit if had ART 224 *METALWORK AND JEWELRY DESIGN* and/or ART 234 *WOOD I*. Prerequisites: ART 103, 104, and 109, or consent of the instructor and School.

239 WOOD/METAL DESIGN 2**3 sem. hrs.**

An intermediate level course building on basic skills used to create works of art using wood and metal as media. Prerequisite: ART 103, 104, 109, 238.

240 GREEK ART AND ARCHITECTURE**3 sem. hrs.**

Greek art and architecture from the pre-Greek Minoan period (circa 3000 BC) through the Hellenistic period (circa 31 BC). Not for credit if had ART 367 *GREEK ART AND ARCHITECTURE*. Prerequisites: COM 110 and ENG 101.

241 ROMAN ART AND ARCHITECTURE**3 sem. hrs.**

Roman art and architecture in Italy and Imperial provinces from the Etruscan period (c. 700 BC) through the fourth century AD. Not for credit if had ART 368 *ROMAN ART AND ARCHITECTURE*. Prerequisites: COM 110 and ENG 101.

242 MEDIEVAL ART AND ARCHITECTURE**3 sem. hrs.**

Art and architecture in Europe from circa 400 AD to the Renaissance. Not for credit if had ART 369 *HISTORY OF MEDIEVAL ART AND ARCHITECTURE*. Prerequisites: COM 110 and ENG 101.

244 ITALIAN RENAISSANCE AND BAROQUE ART AND ARCHITECTURE**3 sem. hrs.**

Italian art and architecture from the early fourteenth through the seventeenth century. Not for credit if had ART 375 *ITALIAN RENAISSANCE ART AND ARCHITECTURE*. Prerequisites: COM 110 and ENG 101.

245 INTAGLIO I**3 sem. hrs.**

Introduction to intaglio processes. Techniques such as etching, engraving, dry point, and aquatint within context of pictorial spatial understanding. Materials charge optional. Prerequisites: ART 103, 104, and 109 or consent of the instructor and School.

246 LITHOGRAPHY I**3 sem. hrs.**

Introduction to lithographic processes. Techniques on stone and aluminum plates with airbrush, crayon, and tusche drawing within context of pictorial spatial understanding. Materials charge optional. Prerequisites: ART 103, 104, and 109 or consent of the instructor and School.

252 VIDEO I**3 sem. hrs.**

Video as a creative medium emphasizing experimental, narrative and nonnarrative production; screenings of video art, film and television. Materials charge optional. Prerequisites: ART 103, 104, 109, or consent of the instructor and School.

253 VIDEO II**3 sem. hrs.**

Video as a creative medium emphasizing digital editing and multimedia as well as conceptual and formal strategies for personal expression. Materials charge optional. Prerequisites: ART 103, 104, 109, 252.

255 GLASS I**3 sem. hrs.**

An introduction to the use of glass as an artist's material, concentrating on "hot-forming" processes. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent of instructor and School.

261 PAINTING I**3 sem. hrs.**

Experimental work with variety of transparent and opaque painting media. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent of the instructor and School.

262 PAINTING II**3 sem. hrs.**

Problems of pictorialization and survey of contemporary trends in painting. Materials charge optional. Prerequisites: ART 103, 104, 109, and 261.

**263 NORTHERN RENAISSANCE AND BAROQUE
ART AND ARCHITECTURE**

3 sem. hrs.

Art and architecture in France, the Netherlands, Flanders, and Germany from the early fourteenth century through the seventeenth century. Not for credit if had ART 376 *NORTHERN RENAISSANCE ART*. Prerequisites: COM 110 and ENG 101.

264 AMERICAN ART AND ARCHITECTURE

3 sem. hrs.

Art and architecture of North America from the pre-contact period through the end of the Second World War. Not for credit if had ART 380 ART IN THE UNITED STATES I, or ART 381 ART IN THE UNITED STATES II. Prerequisites: COM 110 and ENG 101.

265 MODERN ARCHITECTURE

3 sem. hrs.

Architecture, urban planning, and interior design in Europe and the United States from 1750 to the present. Not for credit if had ART 372 *MODERN ARCHITECTURE I*. Prerequisites: COM 110 and ENG 101.

**266 EUROPEAN ART FROM NEOCLASSICISM
THROUGH IMPRESSIONISM**

3 sem. hrs.

Major movements in European art from 1750 through the 1800s, spanning Neoclassicism to Impressionism. Not for credit if had ART 378 *EUROPEAN ART FROM ROMANTICISM THROUGH IMPRESSIONISM*. Prerequisites: COM 110 and ENG 101.

267 HISTORY OF PHOTOGRAPHY

3 sem. hrs.

History of photography from pre-photographic times to the present, covering major photographers and trends, technological developments, and social and cultural contexts. Not for credit if had ART 383 *HISTORY OF PHOTOGRAPHY*. Prerequisites: COM 110 and ENG 101.

275 WORLD ARTS: VISUAL ARTS FA

3 sem. hrs.

Studies in the visual arts of cultures other than the United States mainstream and Western Europe. Not for credit if had ART 140. Prerequisites: COM 110 or ENG 101.

279 VISUAL CULTURE

3 sem. hrs.

Key theoretical concepts and viewing practices in media including art, advertising, film, and other visual media. Prerequisites: COM 110 and ENG 101.

280 MODERN ART

3 sem. hrs.

Modern art from Post-Impressionism through Minimalism. Not for credit if had ART 379 *MODERN ART*. Prerequisites: COM 110 and ENG 101.

281 CONTEMPORARY ART

3 sem. hrs.

Twentieth and twenty-first century art from 1970 through the present. Not for credit if had ART 385 *RECENT DEVELOPMENTS IN ART: 1970 TO THE PRESENT*. Prerequisites: COM 110 and ENG 101.

284 EXPANDED MEDIA I

3 sem. hrs.

Students utilize digital tools and fabrication techniques in studio art production, exploring specialized topics such as programming, motion, and time. Formerly *INTEGRATED MEDIA I*. Materials charge optional. Prerequisites: ART 103, 104, and 109, or consent of the instructor and School.

**290 ART HISTORY RESEARCH AND
PROFESSIONAL SKILLS**

3 sem. hrs.

An introduction to the discipline focusing on research skills, methods of art historical inquiry and professional practice. Prerequisites: ART 155, 156, and 275 or consent of the instructor and School.

302 GRAPHIC DESIGN FOR THE WEB

3 sem. hrs.

Graphic Design studio course introducing students to the concerns and design issues appropriate to Web environments. Prerequisites: ART 103, 104, 109, 226, 227, and 326.

**303 SEMINAR IN ART BEYOND THE
WESTERN TRADITION**

3 sem. hrs.

Advanced course focusing on a topic beyond the western perspective, including Africa, Asia, Oceania, Latin America, or Native North America. May be repeated for credit if content is different for a maximum of 6 hours. Prerequisite: Any 200-level Art History course or consent of the instructor.

**304 SEMINAR IN ANCIENT AND MEDIEVAL
ART AND ARCHITECTURE**

3 sem. hrs.

Advanced course focusing on a specific historical or thematic topic from the prehistoric to the late medieval periods. May be repeated for credit if content is different for a maximum of 6 hours. Prerequisite: Any 200-level Art History course or consent of the instructor.

**305 SEMINAR IN RENAISSANCE AND
BAROQUE ART AND ARCHITECTURE**

3 sem. hrs.

Advanced course focusing on a specific historical or thematic topic in European art from the early fourteenth through seventeenth century. May be repeated if content is different for a maximum of 6 hours. Prerequisite: Any 200-level Art History course or consent of the instructor.

**306 SEMINAR IN MODERN AND
CONTEMPORARY ART AND ARCHITECTURE**

3 sem. hrs.

Advanced course focusing on a historical or thematic topic from the eighteenth century to the present. May be repeated for credit if content is different for a maximum of 6 hours. Prerequisite: Any 200-level Art History course or consent of the instructor.

307 ART FOR DIVERSE POPULATIONS

3 sem. hrs.

Various approaches to the development and conduct of appropriate art experiences in school and community programs for diverse populations. Clinical Experience: 10 hours. Prerequisites: ART 103, 104, 109; Art Teacher Education Sequence, consent of the School.

309 PROFESSIONAL ART EDUCATION SEQUENCE
3 sem. hrs.

Sequential semesters focus on art learning theory, teaching methodology, and pre-student teaching clinical experiences in Art Education K-12. Must be repeated by Art Education major for total of 6 hours 2 consecutive semester sequences starting in fall. Clinical Experience: 20 hours. Prerequisites: ART 103, 104, 109; grade of C or better in TCH 216 or concurrent registration. Grade of C or better in ART 201 and 211 or consent of the School. Complete all requirements for Admission to Professional Studies including passing all sections State of Illinois Test of Academic Proficiency (TAP). Art Education major only; or consent of the School.

311 SEMINAR IN VISUAL CULTURE, HISTORY, AND THEORY
3 sem. hrs.

Advanced course covering a variety of theoretical perspectives on a specific issue in the history of art. May be repeated if content is different for a maximum of 6 hours. Prerequisite: Any 200-level Art History course or consent of the instructor. ART 279 or 290 recommended.

313 LIFE DRAWING II
3 sem. hrs.

Advanced study of the human figure as subject. Emphasis on concepts of figuration and media exploration. Reading and participatory critiques. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 213, 214.

315 TOPICS IN GRAPHIC DESIGN
3 sem. hrs.

Studio/seminar course covering special topics related to Graphic Design. May be repeated if different topic. Prerequisites: ART 103, 104, 109, 227.

323 TYPOGRAPHY
3 sem. hrs.

Advanced course which emphasizes the practical and aesthetic concerns of typography as a means of communication and visual expression. Materials charge optional. Prerequisites: ART 103, 104, 109, 227.

324 METALWORK AND JEWELRY DESIGN III
3 sem. hrs.

Advanced metalworking with an emphasis on volume and color, including raising, repoussé, forging, and various enameling techniques. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 224, 225.

325 ADVANCED METALWORK AND JEWELRY DESIGN
3 sem. hrs.

Elaboration upon metalworking skills previously acquired, allowing development of a strong personal direction. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 224, 225, and 324.

326 GRAPHIC DESIGN III
3 sem. hrs.

Transition course using skills, techniques, concepts learned earlier, applying them to problems of contemporary expression. Preparation to study independently. Materials charge optional. Prerequisites: ART 103, 104, 109, 226, 227 and acceptance into Graphic Design Sequence.

328 CERAMICS III
3 sem. hrs.

Experiences in wheel and hand building processes with an emphasis on individual exploration of ideas through ceramic media. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 228, 229.

331 ADVANCED DRAWING
3 sem. hrs.

Transition course using the skills, techniques, and concepts learned earlier; applying them to problems of contemporary expression. Preparation to study independently. May be repeated. Prerequisites: ART 103, 104, 109, 214.

332 SCULPTURE III
3 sem. hrs.

Individualized problems exploring techniques, concepts encountered earlier, now applied to problems of contemporary expression. Preparation to study independently. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 232, 233.

333 TOPICS IN ADVANCED PHOTOGRAPHY
3 sem. hrs.

Advanced photography course focusing on different topics each semester. Seminar format with topics relating to assigned studio work. May be repeated if content differs. Materials charge optional. Prerequisites: ART 103, 104, 109, 155, 156, 235, and 236 or consent of the instructor.

335 PHOTOGRAPHY III
3 sem. hrs.

Advanced problems in photography as an art form. Emphasis upon individual exploration of the medium. Preparation to study independently. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 235, 236.

336 GRAPHIC DESIGN IV
3 sem. hrs.

Advanced studio work exploring design techniques applied to advertising, packaging, and display media. Materials charge optional. Prerequisites: ART 103, 104, 109, 326.

337 GRAPHIC DESIGN V
3 sem. hrs.

Advanced Graphic Design course focusing on portfolio preparation and professional self-promotional presentation skills. Materials charge optional. Prerequisites: ART 103, 104, 109, 336.

339 WOOD/METAL DESIGN 3
3 sem. hrs.

An advanced level course building on intermediate skills used to create works of art utilizing wood and metal as media. May be repeated; maximum of 9 hours. Prerequisites: ART 238, 239.

344 WOOD II
3 sem. hrs.

Studio exploration of wood as a medium of personal expression. Materials charge optional. Prerequisites: ART 103, 104, 109, 234.

345 INTAGLIO II
3 sem. hrs.

Further study of intaglio processes with greater emphasis on intaglio as an expressive medium. Introduction to color possibilities. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 245.

346 LITHOGRAPHY II**3 sem. hrs.**

Further study of lithographic processes with greater emphasis on lithography as an expressive medium. Introduction to color possibilities. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 246.

347 ADVANCED PRINTMAKING**3 sem. hrs.**

Advanced study of printmaking. Emphasis on contemporary printmaking issues related to content, directions in printmaking, and exploration of all print media. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 245 and 345 or 246 and 346.

349 VISITING ARTIST SEMINAR**2 sem. hrs.**

A seminar-type class, taught by visiting artists and members of the School of Art faculty, focusing upon contemporary issues of fine arts and the creative process. May be repeated. Prerequisite: Art major or consent of the instructor.

351 SPECIAL PROJECTS IN ART**2-6 sem. hrs.**

Special projects in any area in Art, chosen by the student for advanced investigation with the written approval of the instructor. May not duplicate existing courses. May be repeated (see following project areas). This course is not eligible for the Repeat Policy. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A01 SPECIAL PROJECTS: ART**2-6 sem. hrs.**

Special projects in Art, chosen by the student for advanced investigation with the written approval of the instructor. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A03 SPECIAL PROJECTS: GLASS**2-6 sem. hrs.**

Special projects in Glass. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A13 SPECIAL PROJECTS:**SCULPTURE****2-6 sem. hrs.**

Special projects in Sculpture. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A16 SPECIAL PROJECTS:**PHOTOGRAPHY****2-6 sem. hrs.**

Special projects in Photography. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A17 SPECIAL PROJECTS: GRAPHIC DESIGN**2-6 sem. hrs.**

Special projects in Graphic Design. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A21 SPECIAL PROJECTS: PRINTMAKING**2-6 sem. hrs.**

Special projects in Printmaking. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A24 SPECIAL PROJECTS: PAINTING**2-6 sem. hrs.**

Special projects in Painting. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A25 SPECIAL PROJECTS: CERAMICS**2-6 sem. hrs.**

Special projects in Ceramics. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A26 SPECIAL PROJECTS: JEWELRY**2-6 sem. hrs.**

Special projects in Jewelry. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A27 SPECIAL PROJECTS: ART EDUCATION**2-6 sem. hrs.**

Special projects in Art Education. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A29 SPECIAL PROJECTS: DRAWING**2-6 sem. hrs.**

Special projects in Drawing. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A30 SPECIAL PROJECTS: ART HISTORY**2-6 sem. hrs.**

Special projects in Art History. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A39 SPECIAL PROJECTS:**INDIVIDUAL STUDY - ART GALLERY****3 sem. hrs.**

Special projects in Individual Study - Art Gallery. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

**351A45 SPECIAL PROJECTS: ADVANCED
THREE DIMENSIONAL DESIGN**

2-6 sem. hrs.

Special projects in Advanced three dimensional design. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A50 SPECIAL PROJECTS: AQUEOUS MEDIA II
3 sem. hrs.

This course covers advanced materials and techniques of aqueous media painting, and refreshing basic skills with traditional watercolor painting that provides a critical foundation for working with other aqueous media. Formerly *SPECIAL PROJECTS: WATERCOLOR*. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

**351A78 SPECIAL PROJECTS:
LITHOGRAPHY PRINTSHOP**

2-6 sem. hrs.

This course covers advanced materials and techniques of lithography. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A84 SPECIAL PROJECTS: VIDEO
2-6 sem. hrs.

This course covers advanced materials and techniques of video. May not duplicate existing courses. May Include Clinical Experience. Materials charge optional. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

351A87 SPECIAL PROJECTS: STONE CARVING
3 sem. hrs.

This course introduces basic practices of stone carving, traditional and contemporary. Formal technical skills and new methods will be explored. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

**351A88 SPECIAL PROJECTS: COMPOSITION
THEORY**

3 sem. hrs.

Studio-based investigation of the perceptual and conventional principles of composition in visual art and the connections between composition and content. Prerequisites: ART 103, 104, 109; Art major and consent of the instructor.

**352 RENDERING FOR INTERIOR
DESIGNERS**

3 sem. hrs.

Perspective sketching and delineations of architectural interiors. Various media and application techniques will be stressed for professional results in presentations. Also offered as FCS 352. Prerequisites: FCS 242, 246 or consent of the instructor.

355 GLASS II
3 sem. hrs.

Advanced class further exploring glass as an artist's material and addressing the application of color and "warm" glass processes. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 255 and consent of the instructor and School.

357 EXPANDED MEDIA II
3 sem. hrs.

Students complete advanced projects in studio art using digital fabrication tools to explore interactivity in art objects and immersive environments. Formerly *INTEGRATED MEDIA II*. May be repeated; maximum of 9 hours. Materials charge optional. Prerequisites: ART 103, 104, 109, 284.

**360 PAINTING III: NON-REPRESENTATIONAL
ABSTRACTION**

3 sem. hrs.

Introduction to abstraction, forming content through non-representational imagery. Possible inclusion of digital imagery. Reading and participatory critiques. Materials charge optional. Prerequisites: ART 103, 104, 109, 262.

361 PAINTING IV
3 sem. hrs.

Transitional course. Students encouraged to explore personal directions in close consultation with instructor. Preparation for study on an independent basis. May be repeated. Prerequisites: ART 103, 104, 109, 261, 262, and 263 or 360.

362 AQUEOUS MEDIA
3 sem. hrs.

Watercolor as an expressive medium. Techniques and study of masters of watercolor; emphasis on creating pictorial space by illusion, color, and the use of transparency. Materials charge optional. Prerequisites: ART 103, 104, 109, 261.

363 COLOR THEORY
3 sem. hrs.

Theoretical and historical premises for making work organized by color, emphasizing interaction of surface color and light. Prerequisites: ART 103, 104, 109.

**364 ADVANCED GROUP STUDIES
IN GLASS**

3 sem. hrs.

A studio/seminar format class, dealing with image/object realization, and the development of greater verbal, written and visual articulation skills. May be repeated. Materials charge optional. Prerequisites: ART 103, 104, 109, 255 and 355.

371 DIGITAL 3D
3 sem. hrs.

Exploration of digital 3D tools and processes for the studio artist. Theory and projects merge the virtual and physical form. Not for credit if had ART 359 *COMPUTER-BASED ART AND GRAPHIC DESIGN*. Materials charge optional. Prerequisites: ART 103, 104, 109 or consent of the instructor and School.

371A01 DIGITAL 3D - NON-MAJORS
3 sem. hrs.

Exploration of digital 3D tools and processes. Theory and projects merge the virtual and physical form. Not for credit if had ART 359 *COMPUTER-BASED ART AND GRAPHIC DESIGN*. Materials charge optional. Prerequisites: Non-majors only; consent of the instructor and School.

**391 UNDERGRADUATE TEACHING
EXPERIENCE IN ART**

1-3 sem. hrs.

Provides supervised practice/instructional experiences in organizing and teaching activities. Through an instructor-student mentorship, the undergraduate teaching practitioner examines and performs duties related to the teaching of art and will assist 100-200, or 300 level classes with approval from the instructor and the Director of the School of Art. Prerequisites: Junior/senior only with a 3.00 GPA or better and consent of the School of Art.

394 BFA SEMINAR

3 sem. hrs.

Seminar for investigating ideas and issues in contemporary art and building critical thinking, reading and research skills for BFA students. May be repeated if topic differs. Prerequisites: ART 103, 104, 109 and acceptance into the BFA program or consent of the instructor and School.

**395 UNDERGRADUATE SEMINAR
IN ART HISTORY**

3 sem. hrs.

Intensive study of an announced topic in art history, emphasizing methodology, original research, and various art historical approaches to specified works, artists, themes, styles, or issues. May be repeated if content is different. Prerequisites: Successful completion of at least one 300-level Art History course and consent of the instructor.

**398 PROFESSIONAL PRACTICE:
INTERNSHIP IN ART**

1-8 sem. hrs.

May be repeated; maximum 16 hours. Supervised work experience. Prerequisite: Consent of the school director.

**398A02 PROFESSIONAL PRACTICE:
INTERNSHIP IN ART: DESIGN**

1-8 sem. hrs.

May be repeated; maximum 16 hours. Supervised work experience. Prerequisite: Consent of the school director.

**398A05 PROFESSIONAL PRACTICE:
INTERNSHIP IN TEACHING ART**

1-8 sem. hrs.

May include Clinical Experience. Prerequisite: Consent of the school director.

**398A07 PROFESSIONAL PRACTICE: INTERNSHIP
IN PHOTOGRAPHY**

1-8 sem. hrs.

Supervised work experience. May be repeated; maximum of 16 hours. Prerequisite: Consent of the school director.

**398A08 PROFESSIONAL PRACTICE:
INTERNSHIP IN MUSEUM/GALLERY**

1-8 sem. hrs.

May be repeated; maximum 16 hours. Supervised work experience. Prerequisite: Consent of the school director.

MUSIC (MUS)**566****230 Centennial East, (309) 438-7631****Website: FineArts.IllinoisState.edu/music****Director:** Stephen Parsons (sbpars@IllinoisState.edu).**Tenured/Tenure-track Faculty:**

Professors: Aduonum, Babbitt, Block, Carlson, Collier, Dicker, Favis, Fredstrom, Gentry, Gilreath-Major, Gresham, Koehler, McCord, Parsons, Risinger, Snyder, Vought.

Associate Professors: Alcorn, Horst, Koch, Labonville, Lewis, Manfredo, Marko, Marshack, Nolen, Ransom, Ropp, Rummel, Seggelke, Smith, Tonnu.

Assistant Professors: Crimmins, Duce, Magnuson, Schimmel, Valentin.

General School Information**Curricular Requirements/School Requirements:**

Music students are bound by the requirements in this *Undergraduate Catalog* and those found in the *School of Music Student Handbook*.

Admission Auditions:

All students who intend to major in Music at Illinois State University are expected to have previous music experiences. Prior to acceptance as a Music major or minor, all students must pass a performance audition on their major instrument or voice. Information concerning admission auditions is available from the School of Music.

The following criteria will be used in determining whether a former Illinois State University B.M.E., B.A./B.S., and B.M. student will be re-admitted to the music major: (1) Successful re-audition or permission of the appropriate applied areas; (2) Permission of the appropriate degree advisor; (3) a 2.50 GPA in the theory/history core and applied music; (4) A history of success in lab ensemble and recital attendance. If a student does not meet all of these requirements, the academic advisors will recommend to the Director whether the student should be admitted. The Director will ultimately decide.

Piano Requirements:

All students pursuing a music major or minor degree program are required to demonstrate a level of piano proficiency. All B.M. majors in the Piano Performance Sequence are required to demonstrate proficiency equivalent to that outlined for Functional Skills for Keyboard Majors (MUS 322). All B.M.E. majors (all sequences) and B.M. majors (Composition Sequence) are required to demonstrate proficiency equivalent to that outlined for Level IV of Group Instruction Piano (MUS 122A40). All B.M. majors (except Piano Performance Sequence and Composition Sequence) and B.A./B.S. majors (all sequences) are required to demonstrate proficiency equivalent to that outlined for Level III of Group Instruction Piano (MUS 122A30). All music minors are required to demonstrate proficiency equivalent to that outlined for Level II of Group Instruction Piano (MUS 122A20).

Major Performing Ensemble Requirements:

All students pursuing a Music major or minor degree program are required to participate and earn a passing grade in a major music-performing organization each semester they are enrolled in the University until the ensemble requirement is completed for their chosen degree sequence. *Only one ensemble per semester will be counted towards the requirements for the completion of any music degree program.* The ensemble should relate to the student's major applied area. Upon reaching junior status, the student should sign up for ensembles at the 200-level. Choral ensembles that fulfill the ensemble requirement are Concert Choir, Madrigal Singers, Women's Choir (Belle Voix), and Men's Glee. B.M.E. *choral* students must enroll in the Concert Choir for a minimum of four semesters. B.M. *voice performance* students are required to audition for Opera and Musical Theater productions sponsored by the School of Music. Instrumental ensembles that fulfill the ensemble requirement are Symphony Orchestra, Jazz Ensemble I or II, Wind Symphony, Marching Band, Symphonic Winds, Symphonic Band, and Guitar Ensemble. B.M.E. *instrumental-band* students must enroll in Marching Band a minimum of two semesters.

Special Provisions:

A major opera role may be substituted for one choral ensemble by juniors and seniors upon written approval of the School Director in response to a written request signed by the student, the applied teacher, and the General or Artistic Director of the Illinois Festival Opera. B.M. Keyboard Performance students may satisfy up to four semesters of their major ensemble requirement by taking Accompanying (MUS 240).

Enrollment Limitations:

Enrollment in some music courses is limited to those students who have had auditions or who have secured the permission of the appropriate coordinator. Information concerning these course enrollment limitations is available from the School of Music.

Musical Instrument Storage:

In the event that students choose to store musical instruments on campus in any building operated by the University, they hereby waive any and all liability of the University and its employees for the loss of or damage to such musical instruments by any cause whatsoever, including, but not limited to, fire, water, windstorm, or any other casualty, theft, or dampness or dryness of the air.

Music Programs

Degrees Offered: B.A., B.S., B.M., B.M.E.

MAJOR IN MUSIC, B.A./B.S.

- 40 hours in Music required.
- Required courses: IDS 121A03; *MUS 100 (2 semester hours), 101, 102, 107, 108, 201, 207, 253, 254, 275; at least 4 semesters of Applied Music (may include Group

Instruction Voice or Piano); 6 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 6 semesters); 8 hours of performing organizations;

- Students must be enrolled for 1 hour credit in Wind Symphony, Symphonic Winds, Symphonic Band, Jazz Ensemble I or II, Marching Band, Symphony Orchestra, Men's Glee, Women's Choir (Belle Voix), Concert Choir, Madrigal Singers, Opera Practicum or Guitar Ensemble (for guitar majors only) for at least 8 semesters.
- All B.A./B.S. music majors (all sequences) are required to demonstrate proficiency equivalent to that outlined for Level III of Group Instruction Piano (MUS 122A30). NOTE: A syllabus of proficiency requirements is available in the School of Music office from the Group Piano Coordinator. Students may receive proficiency credit through the placement/proficiency examination.
- Electives to complete the required 40 hours.

NOTE: MUS 275 fulfills the General Education Fine Arts requirement and the Global Studies requirement and IDS 121A03 fulfills the Language and Humanities requirement.

* Students fulfill MUS 100 requirement by taking MUS 100 *or* MUS 100A01 and MUS 100A02 for one hour each.

Music Business Sequence:

Degree Offered: B.S.

- 30 hours required.
- MUS 298A03 (2 hours)
- Music Business courses (6 hours): MUS 175, 223.
- ECO 105 (4 hours).
- Fifteen (15) hours chosen from: ATK 240, 260, 320, 340, 345, 380; MKT 230; MQM 220, 328, 329; THE 342, 344, 345; no more than 4 hours from MUS 213, 214, 219, 220, 221, 222.
- MUS 122 (3 hours).
- NOTE: During the semester of their professional practice assignment, Music Business majors may request an exemption from one semester of the MUS 110 requirement in the B.A./B.S. in Music curriculum.

MINOR IN MUSIC

- 24 hours in Music required.
- Required courses: *MUS 100 (2 semester hours) 101, 107; one course chosen from MUS 152, 153, 154, 157, 275.
- All students pursuing a Music Minor degree are required to demonstrate a piano proficiency equivalent to that outlined for Level II Group Piano Instruction; 4 semesters of Applied Music (may include Group Instruction Voice or Piano); 2 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 4 semesters); 4 semesters of performing organizations.
- Electives to complete the required 24 hours.

* Students fulfill MUS 100 requirement by taking MUS 100 *or* MUS 100A01 and MUS 100A02 for one hour each.

MAJOR IN MUSIC EDUCATION

Core Music Requirements:

- Complete theory, history, and literature courses: IDS 121A03; *MUS 100 (2 semester hours) 101, 102, 107, 108, 201, 207, 253, 254, 275. Choose one from MUS 213, 214, 219. Choose one from MUS 220, 221, 222.
- Complete 14 hours of Applied Music. Students are required to study applied music on their major instrument for seven (7) semesters, including at least one semester of 200-level Applied Music. A thirty (30) minute senior recital is also required. NOTE: For voice students, successful completion of MUS 127 is highly recommended before signing up for the 200-level jury.
- Complete 7 hours of Performing Organizations. Students are required to enroll in a minimum of one major performing organization per semester (see sequence for approved listings).
- Complete 4 hours of piano through MUS 122 (Group Piano), MUS 135/235 (Applied Piano), or a combination of the two. Students are required to demonstrate a level of piano proficiency equivalent to that outlined for Level IV of Group Piano. NOTE: A syllabus of proficiency requirements is available in the School of Music office or from the Group Piano Coordinator. Students may receive proficiency credit through the placement/proficiency examination. Students in the Choral-General Keyboard sequence do not take group piano.
- Complete five (5) semesters of MUS 110 (Recital Attendance) for zero (0) credit.

* Students fulfill MUS 100 requirement by taking MUS 100 *or* MUS 100A01 and MUS 100A02 for one hour each.

Music Education and Conducting Requirements:

- Complete core music education courses, including MUS 195, 262, 274, and required clinical experiences.
- Complete one senior level methods course in area of student's sequence (see sequence for required course).
- Complete MUS 167 (Beginning Conducting).
- Complete one Intermediate Conducting course in area of student's sequence (see sequence for required course).

General Education Requirements:

- Complete 39 credit hours of courses that fulfill the University's General Education requirements.
- MUS 275 fulfills the Fine Arts requirement and the Global Studies requirement.
- IDS 121A03 fulfills the Language in the Humanities requirement.
- Music Education majors receive an exemption from the Social Sciences category through content included in EAF 228, 231, or 235; MUS 275; and TCH 210, 212.

Professional Education Requirements:

- Complete required courses: MUS 217; TCH 210, 212, 219; EAF 228 or 231 or 235, and required clinical

experiences.

- Complete MUS 230, Seminar for Pre-student Teachers (0 credit hours).
- Complete 16 weeks of student teaching (STT 399A28) for 12 credit hours.

Electives:

- Complete five (5) hours of electives from music courses only.
- Electives should enhance the music education curriculum, as well as provide opportunities for the music education major to broaden his or her musical experiences. Classes in applied study, performing organizations, music methods and techniques, theory, composition, history, and literature are eligible for elective credit.

Admission to Professional Studies:

All Music Education students planning to become licensed teachers must apply for and be admitted to the University's Professional Studies program (see the University-Wide Teacher Education section of this *Undergraduate Catalog*). The student must be in compliance with the following requirements:

1. Complete all required courses.
2. Meet all requirements in Gateways 1, 2, and 3. (See the Cecelia J. Lauby Teacher Education website.)
3. Earn a grade of C or better in all Music and Professional Education courses.
4. Have a minimum cumulative GPA of 2.75 and a major GPA of 3.00.

Graduation Requirements:

A cumulative GPA of 2.75 and a major GPA of 3.00 must be maintained, and a grade of C or better in all courses used for licensure.

Sequences:

- Students must also choose from one of the following sequences (All sequences lead to an Illinois teacher's license in K-12 Music):

Choral-General-Vocal Sequence:

- Complete required music education technique courses: MUS 127 and 162.
- Complete required senior level methods course: MUS 263 or 267 and required clinical experience.
- Complete required Intermediate Choral Conducting: MUS 268.
- Enroll in one of the following major performing organizations each semester: Men's Glee, Women's Choir (Belle Voix), Concert Choir, or Madrigal Singers.
- Complete 4 hours of MUS 122 and Level IV Piano Proficiency.
- Participate in Choral Lab for seven (7) semesters.

Choral-General-Keyboard Sequence:

- Complete required music education technique courses: MUS 162, 240 (2 semesters).
- Complete required senior level methods courses: MUS 263 or 267 and required clinical experiences.
- Complete required Intermediate Choral Conducting: MUS 268.
- Complete Applied/Group Voice (2 semesters, 2 hours each).
- Enroll in one of the following major performing organizations each semester: Men's Glee, Women's Choir (Belle Voix), Concert Choir, or Madrigal Singers.
- Complete 4 hours of piano through MUS 122 (Group Piano), MUS 135/235 (Applied Piano), or a combination of the two.
- Participate in Choral Lab for seven (7) semesters.

Instrumental-Band Sequence:

- Complete required music education technique courses: MUS 104, 105, 115, 116, 117.
- Complete required senior level methods courses: MUS 261 and required clinical experiences.
- Complete required Intermediate Instrumental Conducting: MUS 269.
- Enroll in one of the following major performing organizations each semester: Wind Symphony, Symphonic Winds, Symphonic Band, Jazz Ensemble I or II, Marching Band, or Symphony Orchestra.
- Students must enroll in a minimum of two (2) semesters of Marching Band and two (2) semesters of a concert band (Wind Symphony, Symphonic Winds, or Symphonic Band).
- Complete 4 hours of MUS 122 and Level IV Piano Proficiency.
- Participate in Band Lab for seven (7) semesters.

Instrumental-Orchestra Sequence:

- Complete required music education technique courses: MUS 104, 105, 115, 116, 117.
- Complete required senior level methods courses: MUS 271 and required clinical experiences.
- Complete required Intermediate Instrumental Conducting: MUS 269.
- Enroll in Symphony Orchestra each semester. String Bass majors may be assigned to a band performing organization that fulfills the requirement.
- Complete 4 hours of MUS 122 and Level IV Piano Proficiency.
- Participate in Orchestra Lab for seven (7) semesters.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program.

The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of a having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

MAJOR IN MUSIC, B.M.

- Required courses for all sequences except Music Therapy (for requirements, see Music Therapy Sequence) IDS 121A03; *MUS 100 (2 semester hours) 101, 102, 107, 108, 167, 201, 207, 253, 254, 275; 1 course selected from MUS 213, 214, 219; 1 course selected from MUS 220, 221, or 222; 2 courses selected from among MUS 355 (355A01, 355A02, 355A03, 355A04, 355A05), 356 (356A01, 356A02), 391, 392, 394, 395, 396; 8 semesters of Major Performing Ensembles (See “Major Performing Ensemble Requirements”); 6 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to a total of 6 semesters).
- Completion of: 8 semesters of Applied Music on the major instrument at both 100 and 200 levels according to stipulations below for each sequence.
- All B.M. majors in the Piano Performance Sequence are required to demonstrate proficiency equivalent to that outlined for Functional Skills for Keyboard Majors (MUS 322). All majors in the Composition Sequence

are required to demonstrate proficiency equivalent to that outlined for Level IV of Group Instruction Piano (MUS 122A40). All other B.M. majors (except for Keyboard Performance Sequence and Composition Sequence) are required to demonstrate proficiency equivalent to that outlined for Level III of Group Instruction Piano (MUS 122A30). **NOTE:** A syllabus of proficiency requirements is available in the School of Music office from the Group Piano Coordinator. Students may receive proficiency credit through the placement/proficiency examination.

- Students also select 1 of the 6 following sequences and complete requirements of that sequence.
- A grade of C or better is required in all courses in the major including specific requirements of each sequence.

NOTE: MUS 275 fulfills the General Education Fine Arts requirement and the Global Studies requirement and IDS 121A03 fulfills the Language and Humanities requirement.

* Students fulfill MUS 100 requirement by taking MUS 100 or MUS 100A01 and 100A02 for one hour each.

Music Composition Sequence:

- 77 total hours required (including B.M. major course requirements).
- 8 hours in MUS 205A01 and 205A02, with at least 4 hours of 205A02.
- MUS 303 and 304 (4 hours).
- 3 hours chosen from the following: ATK 320, 340, 345.
- Complete 4 hours of MUS 122 and Level IV Piano Proficiency.
- 16 hours of Applied Music.
- Of the 8 required semesters of applied music on the major instrument, at least 1 semester must be at the 200-level. **NOTE:** For voice students, successful completion of MUS 127 is highly recommended before signing up for the 200-level jury.
- Electives to complete 120 hours (including 39 hours of General Education requirements).

Keyboard Performance Sequence (Piano, Organ, Harpsichord):

- 72 hours required (including B.M. major course requirements).
- 24 hours of Applied Music.
- Of the 8 required semesters of Applied Music on the major instrument, at least 3 semesters must be at the 200 level.
- Perform one junior recital (30 minutes), and one senior recital (60 minutes).
- 4 hours of MUS 330 Keyboard Pedagogy and Literature.
- 2 hours of functional keyboard skills and sight-reading (MUS 322).
- 4 hours of MUS 240 Accompanying. **NOTE:** This may be 4 of the 8 hours in Music performing organizations required of B.M. majors.
- Electives to complete 120 hours (including 39 hours of General Education requirements).

Voice Performance Sequence:

- 77 hours required (including required B.M. major course requirements).
- 24 hours of Applied Music.
- Of the 8 required semesters of Applied Music on the major instrument, at least 3 semesters must be at the 200 level.
- Perform one junior recital (30 minutes), and one senior recital (60 minutes).
- MUS 127, 128, and 2 hours MUS 330 Vocal Pedagogy and Literature.
- 2 semesters of Opera Practicum.
- Voice students enrolled in Opera Practicum must also participate in a major choral ensemble.
- Complete 3 hours of MUS 122 and Level III Piano Proficiency.
- Electives to complete 120 hours (including 39 hours of General Education requirements).

Band and Orchestra Instruments Performance Sequence:

- 71 hours required (including required B.M. major course requirements).
- 24 hours of Applied Music.
- Of the 8 required semesters of Applied Music on the major instrument, at least 3 semesters must be at the 200 level.
- Perform one junior recital (30 minutes), and one senior recital (60 minutes).
- 2 hours of MUS 330 Pedagogy and Literature on appropriate instrument.
- Complete 3 hours of MUS 122 and Level III Piano Proficiency.
- Electives to complete 120 hours (including 39 hours of General Education requirements).

Classical Guitar Performance Sequence:

- 75 hours required (including required B.M. major course requirements).
- 24 hours of Applied Music.
- Of the 8 required semesters of Applied Music on the major instrument, at least 3 semesters must be at the 200-level.
- Perform one junior recital (30 minutes), and one senior recital (60 minutes).
- 4 hours of MUS 330 Pedagogy and Literature.
- 2 hours of MUS 215 Guitar Fingerboard Harmony.
- Complete 3 hours of MUS 122 and Level III Piano Proficiency.
- Guitar majors may fulfill the B.M. requirement of 8 hours in Music performing organizations with 8 hours of Guitar Ensemble (MUS 139A85/239A85).
- Electives to complete 120 hours (including 39 hours of General Education requirements).

Music Therapy Sequence:

A student who completes the following requirements, including a Music Therapy internship as approved by the

AMTA, will be eligible to take the Certification Board for Music Therapists, Inc. exam. The prospective Music Therapy student is encouraged to contact the Director of the Music Therapy program in the School of Music before beginning course work.

- 85 hours required.
- Core requirements (25 hours): IDS 121A03; *MUS 100 (2 semester hours), 101, 102, 107, 108, 167, 201, 207, 253, 254, 275; 6 semesters of MUS 110 (transfer students must enroll in MUS 110 each semester on campus up to 6 semesters).
- One course selected from MUS 213, 214, or 219 (1 hour).
- One course selected from MUS 220, 221, or 222 (2 hours).
- 8 hours of Music Performing Organizations.
- 8 hours of Applied Music Study.
- Sequence requirements (38 hours): MUS 117, 118, 122A30, 126, 194, 294, 298A01 (4 hours), 340, 341, 360, 398 (2 hours); PSY 110, 213, 346, 350. NOTE: PSY 110 is a General Education SS category course.
- Complete 3 hours of MUS 122 and Level III Piano Proficiency.
- Electives to complete 120 hours (including 39 hours of General Education requirements).
- A grade of C or better is required in all courses in the sequence.
- **NOTE:** Students whose major applied instrument is percussion, guitar, piano, or voice are required to substitute other music courses for the required group course representing their major instrument.

* Students fulfill MUS 100 requirement by taking MUS 100 or MUS 100A01 and 100A02 for one hour each.

MINOR IN JAZZ PERFORMANCE

- 24 hours in Music required.
- Available only to instrumentalists on the following instruments: saxophone, trumpet, trombone, guitar, keyboard, bass, and percussion.
- All students pursuing a Minor in Jazz Performance must be accepted into the School of Music by passing a performance audition on the student's primary instrument.
- Required courses: *MUS 100, 101, 102, 123, 157, 201, 218, 222, 228 and 2 hours of traditional/classical Applied Music on the primary instrument (MUS 131-138).
- All students pursuing a Minor in Jazz Performance are required to have a minimum of 4 semesters of MUS 110 (students do not receive course credit for completing the MUS 110 requirement) and 4 semesters of Jazz Ensemble (MUS 139A70 or 239A70, with a minimum of 1 hour each semester).
- Drum set players may substitute additional applied music hours for MUS 228.
- Special note for Music majors taking this minor: Numerous courses required for the minor will have been completed in fulfilling requirements of the major. Because at least

half of the credit hours for a minor must be distinct from any hours the student counts toward a major within the same department or school, students must complete at least 12 hours of approved Music coursework that is not applied toward meeting any requirements of the major.

* Students fulfill this requirement by taking MUS 100 or MUS 100A01 and 100A02 for one hour each.

Music Courses

100 INTRODUCTION TO MUSIC STUDIES

1 sem. hr.

An introduction to the foundational skills necessary for collegiate music study. Prerequisite: Music majors and minors only.

100A01 INTRODUCTION TO MUSIC STUDIES: THEORY AND COLLEGIATE LIFE

1 sem. hr.

An introduction to the foundational concepts of music theory necessary for collegiate music study. Prerequisite: Music majors and minors only.

100A02 INTRODUCTION TO MUSIC STUDIES: MUSIC LITERATURE

1 sem. hr.

An introduction to the foundational concepts of music literature as well as skills necessary for collegiate music study. Prerequisite: Music majors and minors only.

101 MUSIC THEORY I

2 sem. hrs.

Principles of rhythmic, melodic, and harmonic syntax in the common practice period. Emphasis on diatonic analysis and composition. Prerequisites: Grade of C or better in MUS 100A01. Music major or minor only or consent of the Theory Coordinator.

102 MUSIC THEORY II

2 sem. hrs.

Continuation of common practice syntax; emphasis on formal analysis and composition of common practice idioms. Prerequisite: Grade of C or better in MUS 101 or consent of the Theory Coordinator.

104 GROUP INSTRUCTION IN BRASS

1 sem. hr.

Introduction to the playing and pedagogy of brass instruments (trumpet, horn, trombone, euphonium, tuba). Prerequisites: A minimum of 15 hours completed. Music major only.

105 GROUP INSTRUCTION IN STRINGS

1 sem. hr.

Introduction to the playing and pedagogy of stringed instruments (violin, viola, cello, string bass). Prerequisites: A minimum of 15 hours completed. Music major only.

107 GROUP INSTRUCTION IN BASIC MUSICIANSHIP I

1 sem. hr.

Introduction and cultivation of fundamental aural (ear-training) and sight-singing (solfege) skills. Prerequisite: Grade of C or better in MUS 100. Music major or minor only or consent of the Theory Coordinator.

108 GROUP INSTRUCTION IN BASIC MUSICIANSHIP II

1 sem. hr.

Continuation of skill building in ear-training and sight-singing; expansion of solfege techniques. Prerequisite: Grade of C or better in MUS 107 or consent of the Theory Coordinator.

110 RECITAL ATTENDANCE

Develop an understanding of musical styles and skills as a more discriminating listener. May be repeated. CR/NC only. Prerequisite: Music major or minor only.

115 GROUP INSTRUCTION IN SINGLE REED INSTRUMENTS/FLUTE

1 sem. hr.

Introduction to the playing and pedagogy of single reed instruments (clarinet and saxophone) and flute. Prerequisites: A minimum of 15 hours completed. Music major only.

116 GROUP INSTRUCTION IN DOUBLE REED INSTRUMENTS

1 sem. hr.

Introduction to the playing and pedagogy of double reed instruments (bassoon and oboe). Prerequisites: A minimum of 15 hours completed. Music major only.

117 GROUP INSTRUCTION IN PERCUSSION

1 sem. hr.

Practical instruction in playing and methods of teaching percussion instruments. Prerequisites: A minimum of 15 hours completed. Music major only.

118 BEGINNING GUITAR

2 sem. hrs.

Elements of basic acoustic guitar; simple chords and melodies. Prerequisite: Student must supply acoustic guitar.

119 INTERMEDIATE GUITAR

2 sem. hrs.

Further development of guitar playing skills, including note reading in higher positions, movable chords, finger-picking, and an introduction to improvisation. Prerequisite: MUS 118 or consent of the instructor. Student must supply acoustic guitar.

121 GROUP INSTRUCTION IN PIANO

2 sem. hrs.

Harmonization, sight-reading and transposition, technical studies, and solo and ensemble repertoire. May be repeated if content differs. Prerequisites: For students who have had little or no formal piano study and who are not Music major or minor. Enrollment and placement only by consent of the Group Piano Coordinator.

121A10 GROUP PIANO NON-MAJORS LEVEL I

2 sem. hrs.

122 GROUP INSTRUCTION IN PIANO

1 sem. hr.

Group piano levels are designated by course decimalization (see below). Enrollment and placement is by consent of the Group Piano Coordinator. A syllabus of piano proficiency requirements is available from the Music Office and the Group Piano Coordinator. May be repeated for credit if content differs; maximum 4 hours. Prerequisites: Vary by level; Music major or minor with little or no keyboard skills.

**122A10 GROUP INSTRUCTION IN PIANO
LEVEL I-MUSIC MAJORS****1 sem. hr.**

Enrollment and placement is by consent of the Group Piano Coordinator. A syllabus of piano proficiency requirements is available from the Music Office and the Group Piano Coordinator. May be repeated for credit if content differs; maximum 4 hours. Prerequisites: Vary by level; Music major or minor with little or no keyboard skills.

**122A20 GROUP INSTRUCTION IN PIANO
LEVEL II-MUSIC MAJORS****1 sem. hr.**

Enrollment and placement is by consent of the Group Piano Coordinator. A syllabus of piano proficiency requirements is available from the Music Office and the Group Piano Coordinator. May be repeated for credit if content differs; maximum 4 hours. Prerequisites: Vary by level; Music major or minor with little or no keyboard skills.

**122A30 GROUP INSTRUCTION IN PIANO
LEVEL III-MUSIC MAJORS****1 sem. hr.**

Enrollment and placement is by consent of the Group Piano Coordinator. A syllabus of piano proficiency requirements is available from the Music Office and the Group Piano Coordinator. May be repeated for credit if content differs; maximum 4 hours. Prerequisites: Vary by level; Music major or minor with little or no keyboard skills.

**122A40 GROUP INSTRUCTION IN PIANO
LEVEL IV-MUSIC MAJORS****1 sem. hr.**

Enrollment and placement is by consent of the Group Piano Coordinator. A syllabus of piano proficiency requirements is available from the Music Office and the Group Piano Coordinator. May be repeated for credit if content differs; maximum 4 hours. Prerequisites: Vary by level; Music major or minor with little or no keyboard skills.

**122A50 GROUP INSTRUCTION IN PIANO
LEVEL V-MUSIC MAJORS****1 sem. hr.**

Enrollment and placement is by consent of the Group Piano Coordinator. A syllabus of piano proficiency requirements is available from the Music Office and the Group Piano Coordinator. May be repeated for credit if content differs; maximum 4 hours. Prerequisites: Vary by level; Music major or minor with little or no keyboard skills.

**123 INTRODUCTION TO JAZZ
PERFORMANCE AND PEDAGOGY****2 sem. hrs.**

Introduction to the performance and pedagogy of music in the jazz style including beginning improvisation. Prerequisite: Grade of C or better in MUS 101 or consent of instructor.

126 GROUP INSTRUCTION IN VOICE**2 sem. hrs.**

Practical instruction in singing in English and Italian. Successful completion of MUS 126 or audition before members of voice faculty is prerequisite for admission to MUS 137. May be repeated. Prerequisite: Consent of the instructor.

**127 INTRODUCTION TO DICTION: THE
INTERNATIONAL PHONETIC
ALPHABET (IPA)****2 sem. hrs.**

Introduction to International Phonetic Alphabet (IPA) symbols and corresponding sounds as applied to the Italian, German, and French languages. Formerly *FOREIGN LANGUAGE DICTION FOR SINGERS*. Prerequisite: Concurrent registration in MUS 137, 237, or 437; or consent of the School.

131 APPLIED MUSIC: BRASS**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

131A10 APPLIED MUSIC: TRUMPET-CORNET**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

131A20 APPLIED MUSIC: FRENCH HORN**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

131A30 APPLIED MUSIC: EUPHONIUM**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

131A50 APPLIED MUSIC: TROMBONE**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

131A70 APPLIED MUSIC: TUBA**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

132 APPLIED MUSIC (HARPSICHORD)**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

132A10 APPLIED MUSIC: HARP**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

133 APPLIED MUSIC: ORGAN**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

134 APPLIED MUSIC: PERCUSSION**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

135 APPLIED MUSIC: PIANO**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

136A10 APPLIED MUSIC: VIOLIN**2-3 sem. hrs.**

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

136A30 APPLIED MUSIC: VIOLA

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

136A50 APPLIED MUSIC: CELLO

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

136A70 APPLIED MUSIC: STRING BASS

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

136A80 APPLIED MUSIC: GUITAR

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

137 APPLIED MUSIC: VOICE

2-3 sem. hrs.

Prerequisite: Successful completion of MUS 126 or audition before members of voice faculty is prerequisite for admission to MUS 137. Consent of the appropriate coordinator 1 semester in advance of registration.

138A10 APPLIED MUSIC: FLUTE

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

138A20 APPLIED MUSIC: CLARINET

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

138A30 APPLIED MUSIC: SAXOPHONE

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

138A50 APPLIED MUSIC: OBOE

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

138A60 APPLIED MUSIC: BASSOON

2-3 sem. hrs.

Prerequisite: Consent of the appropriate coordinator 1 semester in advance of registration.

139 ENSEMBLE FA

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated. See the following ensembles.

139A20 ENSEMBLE: PERCUSSION FA

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

139A21 AFRICAN DRUMMING AND DANCE ENSEMBLE

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

139A25 ENSEMBLE: RECORDER

1 sem. hr.

Study and performance of chamber and small music ensembles on a recorder. May be repeated.

139A30 ENSEMBLE: PIANO

1 sem. hr.

Study and performance of chamber and small music ensembles on piano. May be repeated.

139A40 ENSEMBLE: STRINGS

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

139A70 ENSEMBLE: JAZZ FA

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

139A85 ENSEMBLE: GUITAR

1 sem. hr.

Study and performance of chamber and small music ensembles on guitar. May be repeated.

139A90 MADRIGAL SINGERS FA

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

152 EXPERIENCING MUSIC FA

3 sem. hrs.

Examination of the structures of various musical forms through listening, discussion, and attendance at performances. Content may vary.

153 BLACK MUSIC I FA

3 sem. hrs.

A survey of musical elements and cultural contexts that define Black folk music in Africa, the Caribbean, and the United States of America. Prerequisites: COM 110 and ENG 101.

154 BLACK MUSIC II FA

3 sem. hrs.

A survey of musical elements and cultural contexts that define Black contemporary music such as jazz, rhythm and blues, rap, vodou jazz, afro-beat, and calypso. Prerequisites: COM 110 and ENG 101.

157 HISTORY OF JAZZ FA

3 sem. hrs.

Examination of major trends and key figures in the development of jazz from its roots through the present. Prerequisites: COM 110 and ENG 101.

161 MARCHING BAND TECHNIQUES

2 sem. hrs.

Marching Band organization: field show planning and design.

162 INTRODUCTION TO INSTRUMENTAL INSTRUCTION

2 sem. hrs.

Introduction to the playing and pedagogy of brass, woodwind, and percussion instruments for choral-general music education students.

165 OPERA PRACTICUM**1 sem. hr.**

Experience in opera staging and performance. Work ranging from set construction to leading roles. May be repeated. Prerequisite: By audition/consent of the instructor.

167 BASIC CONDUCTING**2 sem. hrs.**

Fundamentals, score reading, rehearsal procedures, and practical experience in work with choral and instrumental media.

167A01 BASIC CONDUCTING: FOR CHORAL/VOCAL MAJORS**2 sem. hrs.**

This course covers the fundamentals of conducting, score reading, rehearsal techniques, and practical skills working with choral media.

167A02 BASIC CONDUCTING: FOR INSTRUMENTAL MUSIC EDUCATION MAJORS**2 sem. hrs.**

This course covers the fundamentals of conducting, score reading, and rehearsal techniques for the instrumental music education major.

167A03 BASIC CONDUCTING: FOR NON-MUSIC EDUCATION MAJORS**2 sem. hrs.**

This course covers the fundamentals of conducting, score reading, and rehearsal techniques for the non-music education major.

175 INTRODUCTION TO THE MUSIC INDUSTRY**3 sem. hrs.**

Exploring the various facets of the music and entertainment industry, including an historical background.

176 ARTS AND SOCIETY: MUSIC FA**3 sem. hrs.**

Examination of the relationship between music and politics/culture.

181-188 PERFORMING ORGANIZATIONS FA**1 sem. hr.**

Participation in the large musical organizations (see below). Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree. For a list of Performance Organizations that count for FA credit see the General Education section of this catalog.

181 BANDS, SYMPHONIC, CONCERT OR UNIVERSITY FA**1 sem. hr.**

Participation in symphonic, concert or university bands. May be repeated; maximum of 12 hours of 181-188 and 281-288 may be counted toward a Music degree. A student must enroll in three ensemble courses at one hour each, in order to meet the General Education Fine Arts requirement. The list of various performing bands follows.

181A01 MARCHING BAND FA**1 sem. hr.**

The "Big Red Marching Machine" performs at major events at home and around the world. No audition required. May be repeated; maximum of 12 hours of 181-188 and 281-288 may be counted toward a Music degree. A student must enroll in three ensemble courses at one hour each, in order to meet the General Education Fine Arts requirement.

181A02 PEP BAND FA**1 sem. hr.**

Performs at the Redbird volleyball games, basketball games and other campus events year round. May be repeated; maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree. No audition required. A student must enroll in three ensemble courses at one hour each, in order to meet the General Education Fine Arts requirement.

181A03 UNIVERSITY BAND FA**1 sem. hr.**

Open to ISU students, faculty, staff, and community members. Rehearsals of wind band literature, are once a week, culminating in at least one public performance each semester. No audition required for participation; internal placement auditions to take place at the beginning of each semester. May be repeated. May not be counted toward a Music degree. A student must enroll in three ensemble courses at one hour each, in order to meet the General Education Fine Arts requirement.

181A05 WIND SYMPHONY FA**1 sem. hr.**

A select group of the finest instrumentalists at Illinois State University form ISU's premier indoor wind band, performing representative works from the wind band literature. Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree. An audition is required. A student must enroll in three ensemble courses at one hour each, in order to meet the General Education Fine Arts requirement.

181A06 SYMPHONIC WINDS FA**1 sem. hr.**

Outstanding wind and percussion players perform representative works from the wind band literature. Formerly *SYMPHONIC BAND*. May be repeated; maximum 12 hours of 180-188 and 280-288 may be counted toward a Music degree. An audition is required. A student must enroll in three ensemble courses at one hour each, in order to meet the General Education Fine Arts requirement.

181A07 SYMPHONIC BAND FA**1 sem. hr.**

Outstanding wind and percussion players perform representative works from the wind band literature. May be repeated; a maximum 12 hours of 180-188 and 280-288 may be counted toward a Music degree. An audition is required. A student must enroll in three ensemble courses at one hour each, in order to meet the General Education Fine Arts requirement.

181A08 BIG RED MARCHING MACHINE DRUMLINE**1 sem. hr.**

Percussion section of the Big Red Marching Machine. Performs at home football games, parades, and other events. May be repeated; maximum of 12 hours of 181-188 and 281-288 may be counted toward a Music degree. A student must enroll in three ensemble courses at one hour each, in order to meet the General Education Fine Arts requirement.

181A09 BASKETBALL DRUMLINE**1 sem. hr.**

Performs to entertain at select men's and women's basketball games. May be repeated. A student must enroll in three ensemble courses at one hour each, in order to meet the General Education Fine Arts requirement. Does not count toward a Music degree.

182 SYMPHONY ORCHESTRA FA
1 sem. hrs.
 May be repeated. Maximum 12 hours of 180-188 and 280-288 may be counted toward a Music degree.

**182A02 SYMPHONY ORCHESTRA:
 WINDS AND PERCUSSION** FA
1 sem. hr.
 May be repeated. Maximum 12 hours of 180-188 and 280-288 may be counted toward a Music degree.

183 CHAMBER WIND ENSEMBLE
1 sem. hr.
 May be repeated. Maximum 12 hours of 181-188 and 280-288 may be counted toward a Music degree.

184 CONCERT CHOIR FA
1 sem. hr.
 May be repeated. Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

185 UNIVERSITY MEN'S GLEE FA
1 sem. hr.
 May be repeated. Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

186 WOMEN'S CHOIR (BELLE VOIX) FA
1 sem. hr.
 May be repeated. Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

188 CIVIC CHORALE FA
1 sem. hr.
 May be repeated. Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

194 PRINCIPLES OF MUSIC THERAPY
3 sem. hrs.
 Introduction to music as a therapeutic agent in the rehabilitation and reorganization of the human being into social life. A survey of the history of the American Music Therapy Association is included as well as the processes and principles of music therapy as used by practicing music therapists. Field observations required. Not for credit if had former MUS 190, 191, and 192.

195 INTRODUCTION TO MUSIC EDUCATION
2 sem. hrs.
 Theory/practice of music education, philosophy, musical development, learning theories, curriculum and planning, classroom management, assessment, and students with disabilities. Includes Clinical Experience: 5 hours. Prerequisite: Music Education major only.

201 MUSIC THEORY III
2 sem. hrs.
 Continuation of MUS 102. Emphasis is placed on chromatic harmony and larger formal structures. Prerequisite: Grade of C or better in MUS 102 or consent of the Theory Coordinator.

205 COMPOSITION
2 sem. hrs.
 Developing individual creative talents of students in musical composition in acoustic and electro-acoustic media. Topics: A01-Level I; A02-Level II. May be repeated. Prerequisite: Consent of the instructor.

205A01 COMPOSITION: LEVEL I
2 sem. hrs.
 Developing individual creative talents of students in musical composition in acoustic and electro-acoustic media.

205A02 COMPOSITION: LEVEL II
2 sem. hrs.
 Developing individual creative talents of students in musical composition in acoustic and electro-acoustic media.

**207 GROUP INSTRUCTION IN
 BASIC MUSICIANSHIP III**
1 sem. hr.
 Continuation of MUS 108 with introduction of chromaticism, more complex rhythms, and harmonic dictation using 7th chords. Prerequisite: Grade of C or better in MUS 108 or consent of the Theory Coordinator.

213 JAZZ-ROCK AURAL SKILLS
1 sem. hr.
 Development of sight-singing, keyboard, and dictation skills required for the performance and transcription of jazz and rock music. Prerequisite: MUS 207 or consent of the Theory Coordinator.

214 TRANSCRIPTION
1 sem. hr.
 Transcription of recorded music in a variety of popular, historical Western, and non-Western styles. Prerequisite: MUS 207 or consent of the Theory Coordinator.

215 GUITAR FINGERBOARD HARMONY
2 sem. hrs.
 A comprehensive exploration of the guitar fingerboard through the study of scales, arpeggios, intervals, chords, and sight reading. Prerequisites: 3 semesters of Applied Guitar (MUS 136A80/236A80) or consent of the instructor.

**217 FOUNDATIONS OF MUSIC
 TEACHING AND LEARNING**
2 sem. hrs.
 This course provides fundamental knowledge regarding instructional principles and practices of the music classroom. Not for credit if had MUS 330A25. Prerequisites: MUS 195; TCH 210 and 212; Admission to Professional Studies.

218 JAZZ IMPROVISATION I
2 sem. hrs.
 Practical application of melodic, harmonic and rhythmic elements from the jazz style and tradition to spontaneous creative performance. Prerequisite: Grades of C or better in MUS 102 and 123 or consent of the instructor.

219 ADVANCED SIGHT SINGING
1 sem. hr.
 Continuation of the sight-singing portion of MUS 207 with emphasis on vocal literature and on performance of more complex rhythms. Prerequisite: MUS 207 or consent of the Theory Coordinator.

220 ANALYSIS THROUGH COMPOSITION
2 sem. hrs.
 Study of romantic and twentieth century tonal and post-tonal styles through original composition based on stylistic models such as Schubert, Debussy, Bartok, Schoenberg, Cage, and Reich. Prerequisite: MUS 201.

221 ADVANCED CHROMATICISM AND CONTEMPORARY ANALYTIC TECHNIQUES
2 sem. hrs.

Study of advanced chromatic techniques used in music of the late nineteenth century. Study of contemporary analytic techniques used to study contemporary concert music including (but not limited to) modes, set theory, serialism, and rhythmic theory. Formerly *TWENTIETH-CENTURY TECHNIQUES*. Prerequisite: Grade of C or better in MUS 201 or consent of the Theory Coordinator.

222 THEORETICAL FOUNDATIONS OF JAZZ AND ROCK MUSIC
2 sem. hrs.

Study of scales, rhythmic structure, harmony, and melody of jazz and rock music, including analysis and arranging projects. Prerequisites: MUS 201.

223 MUSIC INDUSTRY II
3 sem. hrs.

Real-life scenarios in the music and entertainment industry, new media entrepreneurship, social networking, recording studios, and current music distribution methods. Formerly MUS 189A21 *FURTHER STUDIES IN THE MUSIC INDUSTRY*. Materials charge optional. Prerequisite: MUS 175 or consent of the instructor.

226 FOREIGN LANGUAGE DICTION FOR SINGERS - ITALIAN/GERMAN
2 sem. hrs.

Explores Italian and German lyric diction through continued proficiency using the symbols and corresponding sounds of the International Phonetic Alphabet. Prerequisites: Successful completion of MUS 127; Performance major or concurrent registration in MUS 137, 237, or 437; or consent of the school.

227 FOREIGN LANGUAGE DICTION FOR SINGERS: FRENCH
2 sem. hrs.

Explore French lyric diction through continued proficiency using the symbols and corresponding sounds of the International Phonetic Alphabet. Prerequisites: Successful completion of MUS 127; Performance major or concurrent registration in MUS 137, 237, or 437; or consent of the school.

228 JAZZ IMPROVISATION II
2 sem. hrs.

A continuation of Jazz Improvisation I, including more advanced musical elements and faster moving chord progressions. Prerequisite: Grade of C or better in MUS 218 or consent of the instructor.

230 SEMINAR FOR PRE-STUDENT TEACHERS
0 sem. hr.

Presentation and discussion of critical general information and requirements related to the student teaching experience. Prerequisite: MUS 274.

231-238 APPLIED MUSIC
2 or 3 sem. hrs. ea.

May be repeated. 231, Advanced Brass; 234, Advanced Percussion; 235, Advanced Piano; 236, Advanced Strings; 236A80 Advanced Guitar; 237, Advanced Voice; 238, Advanced Woodwinds. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

231A10 APPLIED MUSIC: ADVANCED TRUMPET-CORNET
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

231A20 APPLIED MUSIC: ADVANCED FRENCH HORN
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

231A30 APPLIED MUSIC: ADVANCED EUPHONIUM
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

231A50 APPLIED MUSIC: ADVANCED TROMBONE
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

231A70 APPLIED MUSIC: ADVANCED TUBA
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

235 APPLIED MUSIC: ADVANCED PIANO
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

236A10 APPLIED MUSIC: ADVANCED VIOLIN
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

236A30 APPLIED MUSIC: ADVANCED VIOL3
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

236A50 APPLIED MUSIC: ADVANCED CHELLO
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

236A70 APPLIED MUSIC: ADVANCED STRING BASS
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

236A80 APPLIED MUSIC: ADVANCED GUITAR
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

237 APPLIED MUSIC: ADVANCED VOICE
2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

238A10 APPLIED MUSIC: ADVANCED FLUTE

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

238A20 APPLIED MUSIC: ADVANCED CLARINET

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

238A30 APPLIED MUSIC: ADVANCED

SAXOPHONE

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

238A50 APPLIED MUSIC: ADVANCED OBOE

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

238A60 APPLIED MUSIC: ADVANCED BASOON

2-3 sem. hrs.

May be repeated. Prerequisite: Consent of appropriate coordinator 1 semester in advance of registration.

239 ENSEMBLE

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated. See the following ensembles. MUS 239A20 Percussion Ensemble and 239A70 Jazz Ensemble count for FA General Education credit.

239A20 ENSEMBLE: ADVANCED PERCUSSION FA

1 sem. hr.

Study and performance of chamber and small music ensembles in a variety of combinations of instruments. May be repeated.

239A21 AFRICAN DRUMMING AND DANCE

ENSEMBLE

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A25 ENSEMBLE: RECORDER

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A30 ENSEMBLE: PIANO

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A40 ENSEMBLE: ADVANCED STRINGS

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A70 ENSEMBLE: JAZZ

FA

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A85 ENSEMBLE: GUITAR

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

239A90 ENSEMBLE: MADRIGALS

1 sem. hr.

Study and performance of chamber and small music ensembles. May be repeated.

240 ACCOMPANYING

1 sem. hr.

Technique and skills of accompanying singers and instrumentalists, including experience in providing accompaniments for other students. May be repeated.

253 MUSIC HISTORY UNTIL 1750

3 sem. hrs.

Developments, trends, styles, genres, and significant composers in Western music history from the Greeks to the time of Bach and Handel. Prerequisite: IDS 121A03.

254 MUSIC HISTORY SINCE 1750

3 sem. hrs.

Developments, trends, styles, genres, and significant composers from the Classical period through the 20th century. Prerequisite: IDS 121A03.

261 SECONDARY TEACHING METHODS: BAND

2 sem. hrs.

Current methods and materials for the teaching of 9-12 instrumental music. Includes Clinical Experience: 15 hours. Prerequisites: Grade of C or better in TCH 210 and 212. Music Education major or minor only. Admission to Professional Studies.

262 ELEMENTARY TEACHING METHODS:

GENERAL MUSIC

2 sem. hrs.

Current methods and materials for the teaching of K-6 general music. Includes Clinical Experience: 15 hours. Prerequisites: Grade of C or better in TCH 210 and 212. Music Education major or minor only. Admission to Professional Studies.

263 ADVANCED TEACHING

METHODS: GENERAL MUSIC

2 sem. hrs.

Current methods and materials for the teaching of junior high and secondary school (7-12) general music courses. Includes Clinical Experience: 15 hours. Prerequisites: Grade of C or better in TCH 210, 212 and MUS 262. Music Education major or minor only. Admission to Professional Studies.

265 OPERA PRACTICUM

1 sem. hr.

Experience in opera staging and performance. Work ranging from set construction to leading roles. May be repeated. Prerequisites: By audition and consent of the instructor.

267 SECONDARY TEACHING METHODS: CHORAL

2 sem. hrs.

Study of management, methods, and materials utilized in the teaching of grades 9-12 vocal music. Includes Clinical Experience: 15 hours. Prerequisites: Grade of C or better in TCH 210 and 212. Music Education major or minor only. Admission to Professional Studies.

**268 INTERMEDIATE CONDUCTING:
CHORAL****2 sem. hrs.**

Further development of conducting skills; principles of musical production, rehearsal procedures, and problems of conducting music from all historical periods. Prerequisite: MUS 167 or consent of the instructor.

**269 INTERMEDIATE CONDUCTING:
INSTRUMENTAL****2 sem. hrs.**

Further development of conducting skills; principles of musical production, rehearsal procedures, and problems of conducting music from all historical periods. Prerequisite: MUS 167 or consent of the instructor.

**271 SECONDARY TEACHING
METHODS: STRINGS****2 sem. hrs.**

Current methods and materials for the teaching of secondary school instrumental strings. Includes Clinical Experience: 15 hours. Prerequisites: Grade of C or better in TCH 210 and 212. Music Education major or minor only. Admission to Professional Studies.

**274 ENSEMBLE METHODS I:
TEACHING ELEM/JHS BAND,
CHOIR, STRINGS****2 sem. hrs.**

Examine methods of teaching and organizational systems for an elementary and middle school band, choir, and strings class. Prerequisites: MUS 195, 262; Admission to Professional Studies.

**275 WORLD ARTS: MUSIC -
NON-MUSIC MAJORS****FA****3 sem. hrs.**

Introduction to selected music of Asia, the Middle East, Africa and Latin America. Does not count towards Music major graduation requirements. Prerequisite: COM 110 or ENG 101.

**275A01 WORLD ARTS: MUSIC - MUSIC
MAJORS****FA****3 sem. hrs.**

Introduction to selected music of Asia, the Middle East, Africa and Latin America. For Music majors only; counts towards Music major graduation requirements. Prerequisite: COM 110 or ENG 101.

277 ARTS FOR ELEMENTARY SCHOOLS: MUSIC**3 sem. hrs.**

Survey of Music Education K-6; current practices and materials for teaching elementary general music. Prerequisite: Elementary Education major only.

278 ARTS FOR EARLY CHILDHOOD: MUSIC**3 sem. hrs.**

Materials and methods for teaching music with special emphasis on integrating the arts. Prerequisites: Early Childhood Education major only; completion 30 hours.

281-288 PERFORMING ORGANIZATIONS**FA****1 sem. hr.**

Participation in the large musical organizations (see below). Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree. For a list of Performance Organizations that count for FA credit, see the General Education section of this catalog.

281 CONCERT, VARSITY, OR UNIVERSITY BAND**1 sem. hr.**

Participation in symphonic, concert or university bands. May be repeated; maximum of 12 hours of 181-188 and 281-288 may be counted toward a Music degree. List of performing bands follows.

281A01 MARCHING BAND**FA****1 sem. hr.**

The "Big Red Marching Machine" performs at major events at home and around the world. No audition required. May be repeated; maximum of 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

281A02 PEP BAND**FA****1 sem. hr.**

Performs at the Redbird volleyball games, basketball games and other campus events year round. May be repeated; maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree. No audition required.

281A03 UNIVERSITY BAND**1 sem. hr.**

Open to ISU students, faculty, staff, and community members. Rehearsals of wind band literature, are once a week, culminating in at least one public performance each semester. No audition required for participation; internal placement auditions to take place at the beginning of each semester. May be repeated. May not be counted toward a Music degree.

281A06 SYMPHONIC WINDS**FA****1 sem. hr.**

Outstanding wind and percussion players perform representative works from the wind band literature. Formerly *SYMPHONIC BAND*. May be repeated; maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree. An audition is required.

281A07 SYMPHONIC BAND**FA****1 sem. hr.**

Outstanding wind and percussion players perform representative works from the wind band literature. May be repeated; a maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree. An audition is required.

**281A08 BIG RED MARCHING MACHINE
DRUMLINE****1 sem. hr.**

Percussion section of the Big Red Marching Machine. Performs at home football games, parades, and other events. May be repeated; maximum of 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

281A09 BASKETBALL DRUMLINE**1 sem. hr.**

Performs to entertain at select men's and women's basketball games. May be repeated. Does not count toward a Music degree.

282 SYMPHONY ORCHESTRA: STRINGS**FA****1 sem. hr.**

May be repeated; maximum of 6 credit hours. Includes Clinical Experience: 15 hours required only for senior music education string majors (semester before student teaching). See "Major Performing Ensemble Requirements" for further information. Prerequisite: Junior/senior status.

282A02 SYMPHONY ORCHESTRA: WINDS AND PERCUSSION FA

1 sem. hr.

May be repeated; maximum of 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

284 CONCERT CHOIR FA

1 sem. hr.

May be repeated. Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

285 MEN'S GLEE FA

1 sem. hr.

May be repeated. Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

286 WOMEN'S CHOIR (BELLE VOIX) FA

1 sem. hr.

May be repeated. Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

288 CIVIC CHORALE FA

1 sem. hr.

May be repeated. Maximum 12 hours of 181-188 and 281-288 may be counted toward a Music degree.

294 MUSIC IN RECREATION

3 sem. hrs.

Techniques and skills essential in the prescription, organization, and procedures of leading recreational music activities within therapeutic settings. Development of functional skills on social instruments. Prerequisites: MUS 194 or consent of the instructor, ability to read music, and field experiences.

298A01 PROFESSIONAL PRACTICE: MUSIC THERAPY INTERNSHIP

1 sem. hr.

Supervised practical experience in therapeutic music situations in various institutions in the area. May be repeated; maximum 4 hours. Prerequisites: Successful completion of MUS 194 and 294.

298A03 PROFESSIONAL PRACTICE: MUSIC BUSINESS

1-6 sem. hrs.

Supervised practical experience in music business situations in various institutions in the area. May be repeated; maximum 6 hours. CR/NC only.

303 COUNTERPOINT

2 sem. hrs.

Introduction to counterpoint in Renaissance (16th century) and Baroque (18th century) styles. Prerequisites: MUS 201 and 207, or consent of the instructor.

304 ORCHESTRATION

2 sem. hrs.

Introduction to writing for ensembles of strings, winds, percussion, or voices. Prerequisites: MUS 201 and 207, or consent of the instructor.

308 ORFF LEVEL I

3 sem. hrs.

This course prepares teachers and therapists in the basic Orff approach. Prerequisites: Music Education or Music Therapy seniors or graduate students, elementary education, dance education, with consent of the instructor.

322 FUNCTIONAL SKILLS FOR KEYBOARD MAJORS

2 sem. hrs.

Functional skills for pianists, with an emphasis on transposition, open score reading, harmonization and improvisation. Not for credit if had MUS 122A50. Prerequisites: MUS 220, 221, or 222, or graduate standing; MUS 135, 235, or 435.

330 PEDAGOGY AND LITERATURE

1-2 sem. hrs.

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for each medium. Brass, woodwind, percussion, voice, strings, piano, organ, guitar, jazz. May be repeated; maximum 4 hours. More than 1 area may be taken concurrently.

330A10 PEDAGOGY AND LITERATURE: BRASS

2 sem. hrs.

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for Brass. May be repeated; maximum 4 hours. More than 1 area may be taken concurrently.

330A40 PEDAGOGY AND LITERATURE: PERCUSSION

2 sem. hrs.

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for percussion. May be repeated; maximum 4 hours. More than 1 area may be taken concurrently.

330A51 PIANO PEDAGOGY

1-2 sem. hrs.

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for piano. May be repeated; maximum 4 hours. More than 1 area may be taken concurrently.

330A52 PIANO LITERATURE

1-2 sem. hrs.

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for piano. May be repeated; maximum 4 hours. More than 1 area may be taken concurrently.

330A70 PEDAGOGY AND LITERATURE: VOICE

2 sem. hrs.

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for voice. May be repeated; maximum 4 hours. More than 1 area may be taken concurrently.

330A80 PEDAGOGY AND LITERATURE: WOODWINDS

2 sem. hrs.

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for percussion. May be repeated; maximum 4 hours. More than 1 area may be taken concurrently.

330A85 PEDAGOGY AND LITERATURE: GUITAR**2 sem. hrs.**

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for guitar. May be repeated; maximum 4 hours. More than 1 area may be taken concurrently.

330A90 PEDAGOGY AND LITERATURE: JAZZ**1-2 sem. hrs.**

Methods of teaching, class and individual instruction; emphasis on technique and a comparison of various teaching procedures. Survey of important literature and composers for jazz. May be repeated; maximum 4 hours. More than 1 area may be taken concurrently.

340 INFLUENCE OF MUSIC BEHAVIOR**3 sem. hrs.**

Cultural, physiological, and psychological aspects of music with applications of the Music Therapy field. Prerequisite: Senior standing or consent of the instructor.

341 MUSIC THERAPY**3 sem. hrs.**

Theory, current practices, and research in the field of Music Therapy. Prerequisite: MUS 340 or consent of the instructor.

355 MUSIC GENRES**3 sem. hrs.**

Survey and analysis of representative examples of major genres of Western Music, including topics below. May repeat if topic different, maximum 9 hours. Prerequisites: MUS 253 and 254, or equivalent.

355A01 MUSIC GENRES: SYMPHONIC MUSIC**3 sem. hrs.**

Survey and analysis of representative examples of major genres of Western Music. Prerequisites: MUS 253 and 254, or equivalent.

355A02 MUSICS GENRES: OPERA**3 sem. hrs.**

Survey and analysis of representative examples of major genres of Western Music. Prerequisites: MUS 253 and 254, or equivalent.

355A03 MUSIC GENRES: CHAMBER MUSIC**3 sem. hrs.**

Survey and analysis of representative examples of major genres of Western Music. Prerequisites: MUS 253 and 254, or equivalent.

355A04 MUSIC GENRES: CHORAL MUSIC**3 sem. hrs.**

Survey and analysis of representative examples of major genres of Western Music. Prerequisites: MUS 253 and 254, or equivalent.

355A05 MUSIC GENRES: ART SONG**3 sem. hrs.**

Survey and analysis of representative examples of major genres of Western Music. Prerequisites: MUS 253 and 254, or equivalent.

356 MUSIC AND SOCIETIES**3 sem. hrs.**

Studies of the relationship and contributions of music and musicians to the societies in which they live. May repeat if topic different, maximum 9 hours. Prerequisites: MUS 253 and 254, or equivalent.

360 INTRODUCTION TO PSYCHOMUSICOLOGY**3 sem. hrs.**

Introduction to the psychology of music behavior and cognition. Topics include music perception, memory, and learning and their relation to the sensory, formal, and expressive properties of music.

365 OPERA PRACTICUM**1 sem. hr.**

Experience in opera staging and performance. Work ranging from set construction to leading roles. May be repeated. Prerequisite: By audition/consent of the instructor.

371 SPECIAL MUSIC EDUCATION**3 sem. hrs.**

Teaching strategies for students with disabilities. An emphasis is placed on co-teaching between music and special educators with clinical experience hours. Formerly *MUSIC FOR THE EXCEPTIONAL CHILD*. Prerequisites: Completion of 30 hours or more. Special Education or Music Education majors.

391 MUSICAL STYLES OF THE RENAISSANCE PERIOD**3 sem. hrs.**

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period. Prerequisite: MUS 253.

392 MUSICAL STYLES OF THE BAROQUE PERIOD**3 sem. hrs.**

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period. Prerequisite: MUS 253.

394 MUSICAL STYLES OF THE CLASSICAL PERIOD**3 sem. hrs.**

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period. Prerequisite: MUS 254.

395 MUSICAL STYLES OF THE ROMANTIC PERIOD**3 sem. hrs.**

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period. Prerequisite: MUS 254.

396 MUSICAL STYLES OF THE TWENTIETH CENTURY**3 sem. hrs.**

Analytical inquiry into the compositional techniques evidenced in selected, representative works by major composers of the period. Prerequisite: MUS 254.

398 PROFESSIONAL PRACTICE: CLINICAL INTERNSHIP IN MUSIC THERAPY**1 sem. hr.**

Professional application of current treatment and evaluation procedures in a clinical setting. May be repeated; maximum 2 hours. Prerequisite: Acceptance into a clinical training facility affiliated with the American Music Therapy Association.

THEATRE AND DANCE (THD) 570

212 Centennial West, (309) 438-8783

Website: IllinoisState.edu/finearts

Director: Janet Wilson.

Tenured/Tenure-track Faculty:

Professors: Adams, Dennhardt, de Veer, Pereira, Stark, Thompson-Merriman, Wilson.

Associate Professors: Brown, Haugo, Lowell, Orr, Paolucci, Poole, Semonis, Vetere, Zeng.

Assistant Professors: Carlson, Quinlan, Rich, Wilde.

General School Information

By participating in the programs in the School of Theatre and Dance, the student grants the University the right to use or display original works (or copies of works regardless of medium). The University may use the works as demonstration or exhibition examples of student work, on University websites, or for other educational/archival purposes. If the student objects to the display or use of the work, please contact the Director of the School of Theatre and Dance via email.

Admission Requirements:

All students who intend to pursue the Acting, Dance Performance or Dance Teacher Education Sequences are required to participate in an audition for admission. Students intending to pursue the Design/Production Sequence must participate in a portfolio review/interview for admission. Information concerning an admission audition or a portfolio review/interview is available from the School of Theatre and Dance.

Curricular Requirements/School Requirements:

Theatre and Dance students are bound by the requirements in this *Undergraduate Catalog* and those found in the *School of Theatre and Dance Production Handbook*.

Production Program Participation:

Majors participate in the School of Theatre and Dance production program through an audition process as actors and dancers and through assigned design/production positions. Details outlining the casting process are found in the *School of Theatre and Dance Production Handbook*. All majors are required to enroll in THE 102 Theatre Practicum for four semesters (2 credit hours) during their degree program in order to gain experience in and provide support for the School of Theatre and Dance production program. (Minors are required to enroll for a total of 1 credit hour.) Students who wish to earn credit for performance or design/production experiences may elect to enroll in THE 302 Theatre Practicum for 1, 2, or 3 hours of credit.

INTERDISCIPLINARY MINORS

The School of Theatre and Dance participates in inter-

disciplinary minors at the University. Coursework offered by the School contributes to the following minors: African-American Studies, African Studies, Civic Engagement and Responsibilities, Ethnic Studies, International Studies, and Native American Studies. Coursework also contributes to the minor in Women's and Gender Studies. For further information on these minors and their advisors, please consult the Interdisciplinary Studies Programs section in this *Undergraduate Catalog*.

Theatre and Dance Programs

Degrees Offered: B.A., B.S.

MAJOR IN THEATRE

Acting Sequence:

- 55 hours in Theatre required.
- 43 hours of required courses: THE 102 (2 hours), 103, 104, 110, 113 or 313, 130, 160, 211, 212, 220, 237, 240, 322, 376, 377.
- 9 hours of THE 314.
- THE 221 (3 hours) or 2 hours approved dance technique courses.
- 1 hour of Theatre electives (may include THE 302 or an additional hour of THE 102), if needed to complete 55 hours.

Dance Performance Sequence:

- 55 hours in Theatre and Dance required.
- Required courses: DAN 125, 203, 204; THE 102 (2 hours), 110, 112, 130, 8 hours of DAN 205/305; 8 hours of DAN 207/307; 6 hours of DAN 219/319; DAN 325, 358, 372, 373, 374, 382; THE 237; and 1 hour of electives from the School of Theatre and Dance to complete 55 hours.
- Continuation in this sequence after the freshman year is by consent of the Dance faculty.
- A qualifying performance is required for all incoming students wishing to enter into 200 or 300 level dance technique coursework. Students who are deficient in dance technique or do not make continual progress will have to begin in a lower-level technique course (DAN 105, 107, or 119) or repeat a semester of technique to be promoted to the next level. Promotion to each level is at the discretion of the instructor. Deficiency hours will be in addition to the 55 hours required for this sequence. Information concerning admission auditions is available from the School of Theatre and Dance.

Design/Production Sequence:

- 55 hours in Theatre are required.
- Required courses: THE 102 (2 hours), 103, 104, 110, 130, 160, 237, 240, 258, 376, 377.
- 6 hours to be selected from: THE 251, 261, 330, 362.
- 6 hours to be selected from: THE 251, 261, 330, 362 (if not used to satisfy other requirements); THE 232; 262, 331 or 334; 332, 333, 335, 342, 349, 351, 352, 361, 363, 365, 367.

312 Theatre and Dance

- Theatre electives to complete 55 hours.
- NOTE: If repeated, the following courses may be used as electives after the first 3 hours of credit: THE 332, 333, 335, 363.

Theatre and Film Studies Sequence:

- 43 hours required.
- Required courses: THE 101, 102 (2 hours), 103, 104, 110, 130, 160, 170, 237, 240, 376, and 377.
- Students in the major are required to complete one of the following concentrations:
 - Film Studies** (9 hours): THE 371 and 6 hours from THE 270, 271, 273, 368, or 370 (271 and 273 are each repeatable with different content).
 - Creative Drama and Puppetry** (9 hours): THE 280 and 6 hours from THE 381 (may be repeated), or ART/THE 183.
 - Stage Directing** (9 hours): 3 hours of THE 340, and an additional 6 hours from THE 340, 341, 342, or 380.
 - Dramaturgy/History** (9 hours): ENG 222, 325, 327, 328; ENG/THE 378; THE 379 and 6 hours from DAN 372, 373, 374, THE 287, 300, 371, 375.
 - Integrated Performance** (9 hours): THE 113 or 313 and 6 hours from ATK 260, DAN 105, 107, 119, THE 183, 211, 212, 220, 221, 314A03, 314A05, 314A08, or 341.
 - Theatre Management** (9 hours): THE 344, 345, and 3 hours of THE 309.

Dance Teacher Education Sequence:

- 72 total hours are required.
- 48 hours in Theatre and Dance required: Part of entitlement program leading to a professional educator license: secondary 6-12 endorsement.
- Required courses: DAN 112, 125, 203, 204; 6 hours of DAN 205/305; 4 hours of DAN 207/307; 6 hours of DAN 219/319; 224, 227, 327, 372, 373, 374, 383, THE 102 (2 hours), THE 130, 261.
- Professional Education courses (24 hours): EAF 228, 231, or 235; PSY 215; TCH 212, 216, 219; 10 hours of Student Teaching STT 399A20; 100 clock hours minimum of pre-student teaching clinical experiences.
- The School requires Dance Teacher Education candidates to complete an endorsement in a second teaching field.
- A qualifying performance audition is required for all incoming students wishing to enter into 200- or 300-level Dance technique coursework. Students who are deficient in dance technique or do not make continual progress will have to begin in a lower-level technique course (DAN 105, 107, or 119) or repeat a semester of technique to be promoted to the next level. Promotion to each level is at the discretion of the instructor. Deficiency hours will be in addition to the 48 hours required for this sequence. Information concerning admission auditions is available from the School of Theatre and Dance.
- NOTE: All Teacher Education students are required to pass the State of Illinois Test of Academic Proficiency (TAP) in reading, writing and mathematics, or submit qualifying ACT or SAT scores. For this reason, students should submit their scores or take the State of

Illinois Test of Academic Proficiency (TAP) (fee required) as early as possible.

Theatre Teacher Education Sequence:

- 68 total hours required.
- 42 hours in Theatre required. Part of entitlement program leading to a professional educator license: secondary 9-12 endorsement.
- Required courses: THE 101, 102 (2 hours), 103, 104, 110, 113/313, 130, 160, 185 (2 hours), 237, 240, 280, 285 (2 hours), 385, and 1 course selected from THE 261, 340, 341, or 362.
- Students are required to enroll in THE 185/285 for a minimum of 1/2 credit hour their first semester and to complete a total of 4 credit hours of prescribed field activities in Theatre Education as a part of their program.
- The School strongly recommends that Theatre Teacher Education candidates complete an endorsement in a second teaching field.
- To qualify for licensure, students must complete the Professional Education Requirements (26 hours): EAF 228 or 231 or 235; TCH 212, 216, 219; PSY 215; 12 hours of STT 399A70 Student Teaching in Theatre.
- NOTE: All Teacher Education students are required to pass the State of Illinois Test of Academic Proficiency (TAP) in reading, writing and mathematics. For this reason, students should take the State of Illinois Test of Academic Proficiency (TAP) (fee required) as early as possible.

MINOR IN THEATRE

- 24 hours in Theatre required.
- Required courses: THE 101, 102 (1 hour), 103, 104, 110, 130, 160, 240; and Theatre electives to complete 24 hours.

MINOR IN FILM STUDIES

- 18 hours required.
- Required courses: THE 170, 370, 371.
- 9 additional hours from: ART 252; HIS 337; THE 171, 176A02, 270, 271, 273, 275A02, 368.

MINOR IN DANCE

- 24 hours Theatre and Dance required.
- Required courses: DAN 112, 125, 205, 207, 219, 305, 319, 372, 373, THE 102 (1 hour), 261.
- Students wishing to be admitted to the Minor in Dance must apply and audition through the School of Theatre and Dance. The number of students admitted each year is limited and is based on space availability and the competitiveness of the applicant pool. Additional information regarding application forms and auditions for the Minor in Dance is available at the School of Theatre and Dance website. Students must have a minimum of six semesters of college work remaining to satisfy the sequencing requirements of this minor.
- Students in this minor must be sufficiently proficient in ballet, jazz, and modern dance to be placed in the 200-

level technique courses by audition. This minor may require more hours than listed for students with studio deficiencies.

CLINICAL EXPERIENCES IN TEACHER EDUCATION

A variety of clinical (pre-student teaching) experiences, as well as student teaching, are included in the teacher candidates professional preparation. Observations, small and large group instruction, tutoring, field experiences, and student teaching are included in the Clinical Experiences Program. The experiences offered prior to student teaching are integral parts of specific college courses. Clinical experiences are provided in off-campus professional development schools, in local schools and in campus laboratory schools, in agencies and other approved non-school settings. The Cecilia J. Lauby Teacher Education Center monitors and documents all clinical experiences. Teacher candidates will show verification of having completed clinical experiences commensurate with attaining local, state, and national standards. Teacher candidates must provide their own transportation to clinical experiences sites.

Candidates are required to provide documentation of meeting all State of Illinois, district, and university requirements in regard to criminal background checks BEFORE beginning any clinical experiences. Criminal background checks must remain current as of the last day of the clinical experience. Candidates should consult with clinical course faculty and the Cecilia J. Lauby Teacher Education Center well in advance of clinical experiences to determine specific requirements needed each semester.

The approximate number of clinical hours associated with each course offering can be found with the appropriate course description in this Undergraduate Catalog. The following legend relates to the kind of activity related to a specific course.

Clinical Experiences Legend

- Observation (including field trips)
- Tutoring one-on-one contact
- Non-instructional assisting
- Small group instruction
- Whole class instruction
- Work with clinic client(s)
- Graduate practicum
- Professional meeting

Dance Courses (DAN)

105 MODERN DANCE I

2 sem. hrs.

An introduction to modern dance through technique, improvisations, and composition. May be repeated; maximum 4 hours.

107 CLASSICAL BALLET I

2 sem. hrs.

An introduction to the techniques and style of ballet. May be repeated; maximum 4 hours.

112 DANCE IMPROVISATION

2 sem. hrs.

Basic principles of exploration in creative movement potential, performance skills, and spontaneous decision-making through the medium of dance improvisation.

119 JAZZ DANCE I

2 sem. hrs.

An introduction to the techniques and style of jazz dance including a historical overview of the jazz dance idiom. May be repeated; maximum 4 hours.

125 DANCE COMPOSITION I

2 sem. hrs.

Theory and practice in principles of dance composition emphasizing solo and small group work focusing on traditional forms and approaches. Prerequisite: DAN 112.

203 RHYTHMIC FUNDAMENTALS AND LITERATURE FOR DANCE

2 sem. hrs.

An overview of music literature specifically composed for dance emphasizing the theoretical and practical analysis of music form and style.

204 FUNDAMENTALS OF MOVEMENT AND SOMATICS OF DANCE

2 sem. hrs.

Biomechanical principles related to the skeletal and muscular systems with explorations and applications as they relate to the dancer's training. Prerequisites: DAN 205 and 207.

205 MODERN DANCE II

2 sem. hrs.

Intermediate modern technique and theory emphasizing personal expression and dramatic potential of movement while maintaining clarity and articulation in performance. May be repeated; maximum 6 hours. Prerequisites: Placement by audition or promotion and consent of the instructor.

207 CLASSICAL BALLET II

2 sem. hrs.

Intermediate ballet technique and theory emphasizing artistic growth while maintaining clarity and technical articulation in performance. Pointe technique included. May be repeated; maximum 6 hours. Prerequisites: Placement by audition or promotion and consent of the instructor.

219 JAZZ DANCE II

2 sem. hrs.

Intermediate skill and technique in jazz dance with historical examination of the jazz dance idiom focusing on specific choreographic styles. May be repeated; maximum 6 hours. Prerequisites: Placement by audition or promotion and consent of the instructor.

227 DANCE PEDAGOGY I

2 sem. hrs.

Basic principles and techniques of teaching dance integrating professional studies of technical and conceptual content knowledge with pedagogical content knowledge. Includes Clinical Experience: 20 hours. Prerequisite: Admission to Teacher Education sequence.

314 Theatre and Dance

228 SPECIAL TOPICS IN DANCE

1-3 sem. hrs.

Intensive study of selected dance forms, styles, or repertory. May be repeated; maximum 6 hours.

229 ARTS FOR EARLY CHILDHOOD:

DANCE

3 sem. hrs.

Methods and materials in traditional and creative activities; interrelationships of dance with the other arts. Prerequisites: Early Childhood Education major only. A minimum of 30 hours completed.

283 ARTS FOR ELEMENTARY SCHOOLS: DANCE

3 sem. hrs.

Methods and materials in traditional and creative dance activities, interrelationships of dance with the other arts. Prerequisite: Elementary Education major only.

305 MODERN DANCE III

2 sem. hrs.

Advanced-level skill in modern technique, theory and performance with an emphasis on full-bodied physicality, musicality, and personal expressiveness. May be repeated; maximum 6 hours. Prerequisites: Placement by audition or promotion and consent of the instructor.

307 CLASSICAL BALLET III

2 sem. hrs.

Advanced-level skill in ballet technique providing students the opportunity to refine their technical and artistic skills; pointe technique included. May be repeated; maximum 6 hours. Prerequisites: Placement by audition or promotion and consent of the instructor.

319 JAZZ DANCE III

2 sem. hrs.

Advanced-level jazz technique and performance course that concentrates on skills and concepts vital to the developing professional dancer. May be repeated; maximum 6 hours. Prerequisites: Placement by audition or promotion and consent of the instructor.

325 DANCE COMPOSITION II

2 sem. hrs.

Continued development of theoretical concepts and advanced approaches to choreography emphasizing choreographic form, individual style, works of substance and maturity. Prerequisite: DAN 125 or consent of the instructor.

327 DANCE PEDAGOGY II

2 sem. hrs.

Continued study of dance pedagogy through a variety of supervised clinical experiences and advanced projects related to the teaching profession. Includes Clinical Experience: 55 hours. Prerequisites: Admission to Teacher Education required for Teacher Education Sequence. DAN 227 or consent of the instructor.

**358 INTERDISCIPLINARY
CHOREOGRAPHIC PROJECTS**

2 sem. hrs.

Interdisciplinary approaches to the development of choreography of extended structure and content enriched through the collaboration of other art forms. Prerequisite: DAN 325 or consent of the instructor.

372 HISTORY OF DANCE TO 1900

3 sem. hrs.

Historical survey of the origin, growth, development of western theatrical dance through examination of dance in early societies through 1900.

373 TWENTIETH CENTURY DANCE HISTORY

3 sem. hrs.

Historical survey of the development of modern dance from late 19th to 21st century emphasizing political and social contexts.

**374 MULTICULTURAL PERSPECTIVES
IN DANCE**

2 sem. hrs.

Course introduces physical characteristics, aesthetics, and functions of dance in a variety of cultures investigating ritual and ceremonial dances.

382 SENIOR SEMINAR IN DANCE

2 sem. hrs.

Capstone experience for senior dancers designed to prepare and meet the future professional goals and unique needs of each student. Prerequisite: A minimum of 75 hours completed or consent of the instructor.

383 SENIOR SEMINAR IN DANCE EDUCATION

2 sem. hrs.

Capstone experience for senior Dance Education students providing a forum for discussion and preparation for student teaching and beyond. Prerequisites: THE 327, a minimum of 75 hours completed, and concurrent registration in STT 399A20.

Theatre Courses (THE)

101 ORAL INTERPRETATION OF LITERATURE

3 sem. hrs.

The individual performance of non-dramatic literature as an approach to the study of literature and performance.

102 THEATRE PRACTICUM

1/2 sem. hr.

Production experience in costume, properties or scenery construction; lighting preparation, scene painting, backstage crew or ushering. May be repeated with different content.

103 FUNDAMENTALS OF THEATRE I

3 sem. hrs.

Survey of dramatic literature examining genre and style in historical context, Ancient Greece to Restoration. Introduces methods of dramatic analysis.

104 FUNDAMENTALS OF THEATRE II

3 sem. hrs.

Survey of dramatic literature examining genre and style in historical context, 17th to 21st century. Introduces methods of dramatic analysis. Prerequisite: THE 103.

110 ACTING I

3 sem. hrs.

Basic skills and concepts of acting. Exploration of the actor's internal (psychological-emotional) resources through exercises, discussions, and performance projects. May be repeated; maximum 6 hours. Prerequisites: Major or minor only. Consent of the instructor.

113 ACTING II**3 sem. hrs.**

Analysis, rehearsal, and performance of representative scripts. Not for credit if had THE 313. Prerequisites: THE 110 or equivalent, and consent of the Acting faculty.

130 INTRODUCTION TO COSTUME**3 sem. hrs.**

Study and practical application of costume construction techniques and the study of basic costume design practice. Lab arranged. Materials charge optional.

152 EXPERIENCING THEATRE FA**3 sem. hrs.**

Introduction to the principles and the collaborative processes of theatrical production. Theatre attendance required.

153 INTRODUCTION TO ACTING**3 sem. hrs.**

Introduction to process and nature of acting; variety of theatre experiences to encourage an understanding and appreciation of actor's craft. Not for credit major or minor.

154 INTRODUCTION TO BLACK DRAMA AND THEATRE**3 sem. hrs.**

Exploration of the plays of the African-American dramatists from the Harlem Renaissance to the Black Arts Movement through lecture, discussion, and workshop techniques.

160 STAGECRAFT**3 sem. hrs.**

Theory and technique of basic principles, aesthetics and implementation of scenic, lighting and sound design. Materials charge optional. Lab arranged.

170 INTRODUCTION TO FILM ART**3 sem. hrs.**

Artistic and social aspects of the cinema as a contemporary art form. Screening and discussion of selected films.

171 HISTORY OF THE AMERICAN FILM**3 sem. hrs.**

Aesthetic, cultural and industrial aspects of American film history. May be repeated.

176A01 ARTS AND SOCIETY: THEATRE FA**3 sem. hrs.**

Examination of the relationship between theatre and politics/culture.

176A02 ARTS AND SOCIETY: FILM FA**3 sem. hrs.**

Examination of film's influence on society, and society's influence on film. Film screening required.

183 PUPPETRY**3 sem. hrs.**

Introductory course on the art of puppetry. Course gives students understanding of the theoretical and practical implementation of the art of puppetry. Also offered as ART 183.

185 CONTINUING ORIENTATION TO THEATRE TEACHER EDUCATION I**1/2 sem. hr.**

Principles of administering a secondary-school theatre program as a learning facilitator, formulating appropriate skills and knowledge for a beginning student in education. Structured as program with instructional projects, required experiences, and developmental evaluations which are to be completed prior to entering Continuing Education II and Professional Studies. Includes Clinical Experience: 5-30 hours. Prerequisites: Theatre Teacher Education majors only, must enroll for 1/2 hour per semester for 8 semesters in THE 185 and 285 for a total of 4 hours; concurrent registration possible; exceptions (especially for transfer students) by consent of the School Director.

211 VOCAL TECHNIQUE FOR THE ACTOR I**3 sem. hrs.**

Studies in relaxation, breathing, alignment, tonal focus, and articulation, leading to an understanding of the actor's vocal life and demands. Prerequisites: THE 113 or equivalent, a minimum of 45 hours completed and consent of the Acting faculty.

212 VOCAL TECHNIQUE FOR THE ACTOR II**3 sem. hrs.**

Advanced studies in theatre voice for actors, including diction, scansion, performance of Shakespeare texts, dialects and life studies. Prerequisites: THE 211, a minimum of 45 hours completed and consent of the Acting faculty.

213 THEATRE FOR SOCIAL CHANGE FA**3 sem. hrs.**

The application of theatre skills to build community, foster collaboration, and develop creativity culminating in a service learning project. Prerequisites: COM 110 and ENG 101.

220 STAGE MOVEMENT I**3 sem. hrs.**

Fundamental principles of stage movement, including self-awareness, flexibility, relaxation, and physical characterization. Prerequisites: THE 113 or equivalent, a minimum of 45 hours completed and consent of the Acting faculty.

221 STAGE MOVEMENT II**3 sem. hrs.**

A continuation of Stage Movement I with a focus on physical characterization for period styles including Shakespeare, Restoration and Farce. Prerequisites: THE 220, a minimum of 45 hours completed and consent of the Acting faculty.

224 COMPOSITION FOR THE MUSICAL THEATRE**2 sem. hrs.**

Theory and practice of musical theatre choreography tracing the development of the genre from Minstrelsy to contemporary 21st century works. Prerequisites: DAN 125 or consent of the instructor. Theatre attendance required.

232 INTERMEDIATE COSTUME CONSTRUCTION**3 sem. hrs.**

Basic pattern creation and assembly for the theatrical costume craftsman. Introduction to fundamental flat pattern drafting and draping techniques. Student is responsible for supplying sewing notions and materials for projects. Prerequisites: THE 130, a minimum of 45 hours completed and consent of the instructor.

237 STAGE MAKE-UP**2 sem. hrs.**

Introduction to make-up technique through lecture-demonstration and laboratory practice. Training in corrective make-up as well as 2-D and 3-D techniques for characterization. Materials charge optional. Prerequisite: THE 130.

240 PRINCIPLES OF STAGE DIRECTION**3 sem. hrs.**

Acquaints the student with the basic principles of stage direction and provides a basic vocabulary and methodology. Prerequisites: THE 110 and 160; a minimum of 45 hours completed

251 THEATRE SOUND DESIGN I**3 sem. hrs.**

Developing a basic understanding of the properties of sound and audio technologies in a live performance application. Prerequisites: THE 103, 104, 160.

258 INTRODUCTION TO SCENOGRAPHIC TECHNIQUES**3 sem. hrs.**

Exploration/application of graphic fundamentals for use in theatrical design. Emphasis on sketching, drafting and mechanical perspective techniques. Prerequisites: THE 103 and 160.

260 TECHNICAL PROCEDURES**3 sem. hrs.**

Procedures and problems of technical production. May be repeated; maximum 6 hours. Prerequisites: THE 160, 258, a minimum of 45 hours completed, or consent of the instructor.

261 LIGHTING FOR STAGE**3 sem. hrs.**

Instrumentation, aesthetics, application of theatrical lighting through classroom/laboratory study. Prerequisites: THE 160 and a minimum of 45 hours completed or consent of the instructor.

262 STAGE LIGHTING SOFTWARE**3 sem. hrs.**

Use of industry software to generate lighting plots, paperwork, and visualizations for theatrical lighting. Prerequisites: THE 160 and 261.

268 INTRODUCTION TO PLAYWRITING**3 sem. hrs.**

An exploration of the fundamental techniques related to the craft of playwriting. Also offered as ENG 268. Formerly ENG/THE 289A29.

270 THE DOCUMENTARY IN FILM AND BROADCASTING**3 sem. hrs.**

Historical, philosophical, and theoretical consideration of documentary approach in films, television, and radio. Also offered as COM 270.

271 STUDIES OF NON-WESTERN FILM**3 sem. hrs.**

Cross-cultural study of the historical and aesthetic development of non-Western national cinemas through selected African, Indian, Japanese, and Chinese films. May be repeated with different content (as indicated with an A-suffix number; see course that follows); maximum 6 hours. Prerequisite: THE 170 or consent of the instructor.

271A07 ASIAN FILM GENRES**3 sem. hrs.**

This course is designed for and open to all students who are interested in Asian film and culture. Prerequisite: THE 170 or consent of the instructor.

273 TOPICS IN FILM CRITICISM**3 sem. hrs.**

Comparative and in-depth study of critical methods for film interpretation and of the theoretical sources for these methods. May be repeated with different content (as indicated with an A-suffix number; see courses that follow); maximum 6 hours. Prerequisites: THE 170 or consent of the instructor.

273A07 TOPICS IN FILM CRITICISM: FILM NOIR**3 sem. hrs.**

This course traces the development of the film noir genre and explores its visual expressions, thematic concerns, and the ways film noir represents and reflects the cultural conditions of the time in which it is produced. Prerequisite: THE 170 or consent of the instructor.

273A08 TOPICS IN FILM CRITICISM: HORROR FILMS**3 sem. hrs.**

This course offers a historical overview of the horror cinema from its origins to the present and examines representative films from theoretical, cultural, and historical perspectives. Prerequisites: THE 170 or consent of the instructor.

275A01 WORLD ARTS: THEATRE FA**3 sem. hrs.**

Introduction to the theatre of Asia, the Middle East, Africa, and Latin America. Prerequisites: COM 110 and ENG 101.

275A02 WORLD ARTS: FILM FA**3 sem. hrs.**

Introduction to film from Asia, the Middle East, Africa, and Latin America. Prerequisites: COM 110 and ENG 101. Film screening required.

280 CREATIVE DRAMA**3 sem. hrs.**

Drama in instructional situations for preschoolers through adults, including theory and activities for personal creative growth and teaching both the arts and non-arts subjects. Observations and practical activities. Includes Clinical Experience: 4 hours. Prerequisites: Theatre Education majors only; A minimum of 45 hours completed.

281 ARTS FOR ELEMENTARY SCHOOLS: THEATRE**3 sem. hrs.**

Drama in instructional situations for elementary education, including theory and activities for creative growth and teaching the arts/non-arts subjects. Prerequisite: Elementary Education major only.

282 ARTS FOR EARLY CHILDHOOD: THEATRE**3 sem. hrs.**

Study of the philosophy and benefits of creative drama, theatre and symbolic/dramatic play focusing on teaching methodology and materials. Prerequisites: Early Childhood Education major only. A minimum of 30 hours completed.

**285 CONTINUING ORIENTATION
TO THEATRE TEACHER EDUCATION II**
1/2 sem. hr.

Continuation of THE 185 with primary focus on theory and practice. Structured projects and experiences found in principles of administering a secondary school theatre program as a learning facilitator, co-curricular director, and theatre professional. Includes Clinical Experience: 5-75 hours. Prerequisites: Theatre Teacher Education major only; concurrent registration possible; exceptions (especially for transfer students) by consent of school director.

**300 TOPICS IN THE LITERATURE
OF THE THEATRE**
3 sem. hrs.

Examination of dramatic literature, possibly including dramatic criticism and performance theory. Course content will vary. May be repeated with different content; maximum of 6 hours. Prerequisite: A minimum of 45 hours completed.

302 THEATRE PRACTICUM
1-3 sem. hrs.

Production experience in the areas of performance, production and management. May be repeated with different content; maximum 12 hours.

309 DIRECTED PROJECTS
1-3 sem. hrs.

Individually supervised study for the advanced student. May be repeated. Prerequisites: A minimum of 45 hours completed and consent of the instructor.

313 ACTING II
3 sem. hrs.

Analysis, rehearsal, and performance of representative scripts. Not for credit if had THE 113. Prerequisites: THE 110 or equivalent; a minimum of 45 hours completed and consent of the Acting faculty.

**314 ACTING STYLES: DISCOVERY AND
PERFORMANCE**
3 sem. hrs.

Performance styles of a particular playwright, period, or medium. May be repeated with a different topic (see topics below). Prerequisites: A minimum of 45 hours completed and consent of the Acting faculty.

314A01 REALISM
3 sem. hrs.

Performance styles of a particular playwright, period, or medium. Prerequisites: A minimum of 45 hours completed and consent of the Acting faculty.

314A02 SHAKESPEARE
3 sem. hrs.

Performance styles of Shakespeare. Prerequisites: A minimum of 45 hours completed and consent of the Acting faculty.

314A03 ACTING ON CAMERA
3 sem. hrs.

Performance styles of acting on camera. Prerequisites: A minimum of 45 hours completed and consent of the Acting faculty.

314A08 MUSICAL THEATRE
3 sem. hrs.

Performance styles of musical theatre. Prerequisites: A minimum of 45 hours completed and consent of the Acting faculty.

314A09 VIEWPOINTS AND COMPOSITION
3 sem. hrs.

Performance styles of a particular playwright, period, or medium. Prerequisites: A minimum of 45 hours completed and consent of the Acting faculty.

322 AUDITIONING
3 sem. hrs.

Preparation, performance, and evaluation of numerous audition projects; discussion of the actor's search for employment in the professional theatre. Prerequisites: Acting major only, 6 hours of THE 314, a minimum of 75 hours completed, and consent of the Acting faculty.

329 TOPICS IN STAGE MOVEMENT
3 sem. hrs.

Specialized movement training, varying in areas of study, including: mask, stage combat, Alexander Technique, and other recognized physical theatre techniques. May be repeated if content is different; maximum of 12 hours (see topics below). Prerequisites: THE 103, 104, 220, 221, or equivalent; a minimum of 45 hours completed and consent of the Acting faculty. Acting Major only with GPA of 2.00 overall, and 3.00 in Acting Sequence.

329A01 MASK CHARACTERIZATION
3 sem. hrs.

Specialized movement training, varying in areas of study, including: mask, stage combat, Alexander Technique, and other recognized physical theatre techniques. May be repeated if content is different; maximum of 12 hours. Prerequisites: THE 103, 104, 220, 221, or equivalent; a minimum of 45 hours completed and consent of the Acting faculty. Acting Major only with GPA of 2.00 overall, and 3.00 in Acting Sequence.

329A02 RAPIER AND DAGGER
3 sem. hrs.

Students will learn safe, effective techniques for acting fights using rapier and dagger technique. Emphasis will be on acting the fight with a partner in the context of a scene. Prerequisites: THE 220 and 221 or consent of the instructor.

329A03 UNARMED COMBAT
3 sem. hrs.

Students will learn safe, effective techniques for acting in plays requiring unarmed physical confrontation. Emphasis will be on acting the fight with a partner in the context of a scene. Prerequisites: THE 103, 104, 220, 221, or equivalent; a minimum of 45 hours completed and consent of the Acting faculty. Acting Major only with GPA of 2.00 overall, and 3.00 in Acting Sequence.

329A04 SINGLE SWORD
3 sem. hrs.

Students will learn safe, effective techniques for acting single sword fights with emphasis on acting the fight with a partner in the context of a scene. Prerequisites: THE 103, 104, 220, 221, or equivalent; 45 hours completed, and consent of the Acting faculty. Acting major only, with a GPA of 2.00 overall and 3.00 in Acting Sequence.

330 THEATRICAL COSTUME DESIGN
3 sem. hrs.

Research, analysis and practical application of theatrical costume designing. Prerequisites: THE 103, 104 and 130.

331 HISTORY AND STYLES OF STAGE COSTUMING I
3 sem. hrs.

The costume's reflection of cultural and social milieu and the costume's application to the stage: Antiquity to 18th century. Offered even-numbered years. Prerequisites: THE 103, 104 and 130.

332 COSTUME CONSTRUCTION
3 sem. hrs.

Various rotating topics focusing on flat pattern, draping, and tailoring techniques for the theatrical costume craftsman. May be repeated with different content; maximum 9 hours. Prerequisites: THE 103, 104, 130, 232 and consent of the instructor.

333 COSTUME CRAFTS
3 sem. hrs.

Various rotating topics focusing on millinery, prosthetics, wigs, fabric manipulation and other uses of special materials for the theatrical costume craftsman. May be repeated with different content; maximum 9 hours toward degree program. Materials charge optional. Prerequisites: THE 103, 104, 130, 232 and consent of the instructor.

334 HISTORY AND STYLES OF STAGE COSTUMING II
3 sem. hrs.

The costume's reflection of cultural and social milieu and the costume's application to the stage: French Revolution to Vietnam War. Offered odd-numbered years. Prerequisites: THE 103, 104, and 130.

335 ADVANCED COSTUME DESIGN
3 sem. hrs.

Intensive work in the area of costume design and rendering for the stage; emphasis upon idea development and communication skills. May be repeated with different content; maximum 6 hours. Prerequisites: THE 103, 104, 130, 330 or consent of the instructor.

340 DIRECTING WORKSHOP
3 sem. hrs.

Principles and methodologies of stage direction applied to particular problems in a workshop format. May be repeated; maximum 6 hours toward degree program. Prerequisites: THE 103, 104 and 240.

341 ORAL INTERPRETATION OF LITERATURE II
3 sem. hrs.

Group forms of Interpretation—Readers Theatre and Chamber Theatre, with experiences to provide the student with practical applications of theory and principle. Prerequisites: THE 101, 103, 104, or consent of the instructor.

342 INTRODUCTION TO STAGE MANAGEMENT
3 sem. hrs.

Introduction and application of basic principles of stage management, with emphasis on the paperwork and procedures required in theatrical productions. Prerequisites: THE 103, 104, 130, and 160 or consent of the instructor.

344 PRINCIPLES OF THEATRE MANAGEMENT
3 sem. hrs.

Introduction and demonstration of the practices and procedures of theatre management in today's theatre. Prerequisites: THE 103 and 104.

345 ADVANCED THEATRE MANAGEMENT
3 sem. hrs.

Intensive work in business management techniques for arts organizations, including management practices, union contracts, payrolls, budgeting and income controls. Prerequisites: THE 103, 104 and 344 or consent of the instructor.

348 PLAYWRITING
3 sem. hrs.

Playwriting techniques of selected masters with practical application of techniques in writing original plays. Also offered as ENG 348.

349 ADVANCED STAGE MANAGEMENT
3 sem. hrs.

Application of advanced stage management skills with emphasis on procedures used in professional Equity theatrical productions, dance, opera, and touring. Prerequisites: THE 103, 104 and 342 or consent of the instructor.

351 THEATRE SOUND DESIGN II
3 sem. hrs.

The exploration of sound for live performance through digital systems, composition, and artistic collaboration. Prerequisite: THE 251.

352 MEDIA DESIGN AND PROJECTIONS FOR THE THEATRE
3 sem. hrs.

The exploration of the media/projection design process, and the tools used to create and execute a theatrical projection design. Prerequisite: THE 160.

360 COMPUTER-BASED ART AND GRAPHIC DESIGN
3 sem. hrs.

Application of advanced 2D and 3D graphics programs to solve creative problems in the theatrical arts. Materials charge optional. Not for credit if had THE 359. Prerequisite: THE 160 or consent of the instructor.

361 ADVANCED STAGE LIGHTING
3 sem. hrs.

Advanced exploration of lighting design, culminating in a realized project. Prerequisites: THE 103, 104, 258, 262 and consent of the instructor.

362 SCENIC DESIGN
3 sem. hrs.

Nature, function, and aesthetics of scene design, with practice in composition. Formerly *STAGE DESIGN*. Prerequisites: THE 103, 104, 160 and 258 or consent of the instructor.

363 ADVANCED SCENIC DESIGN
3 sem. hrs.

Intensive work in scenic design and rendering for the stage. May be repeated; maximum 6 hours. Formerly *ADVANCED DESIGN*. Prerequisite: THE 362 or consent of the instructor.

364 ADVANCED PROJECTS IN DESIGN
2-4 sem. hrs.

Design and production problems as they relate to productions being mounted by the School of Theatre. Emphasis placed upon creative and collaborative aspects of producing theatre. Prerequisites: THE 103, 104, 130 and 160.

365 SCENE PAINTING**3 sem. hrs.**

Development of the skills necessary for the organization, preparation, and execution of painted scenery for the stage. Materials charge optional. Prerequisites: THE 103, 104 and 160.

366 RENDERING TECHNIQUES FOR THE STAGE**3 sem. hrs.**

A studio course investigating 2D and 3D graphic techniques for realizing theatrical designs. Rotating topics include are described below. May be repeated with different content; maximum 9 hours (see topics below). Prerequisites: THE 103, 104, 130, 160, 258, and consent of the instructor.

366A01 DRAWING FUNDAMENTALS**3 sem. hrs.**

Objectives of the course are to develop fundamental drawing skills, interpret what the eye sees and successfully present it on paper, and to learn from the work of master artists through the analysis of their techniques. Prerequisites: THE 103, 104, 130, 160, 258, and consent of the instructor.

366A02 MEDIA EXPLORATION**3 sem. hrs.**

The advanced undergraduate and graduate student will explore and experiment with various media appropriate for producing professional quality renderings for the stage. Through a series of paper projects, students are expected to extend and improve upon their drawing, painting, and perspective skills and produce several pieces that are portfolio ready. Prerequisites: THE 103, 104, 130, 160, 258, and consent of the instructor.

366A03 DIGITAL RENDERING**3 sem. hrs.**

The objective of the course is to have an understanding of drawing and painting tools and techniques using Photoshop. Students will demonstrate these techniques through exercises in sketching and painting culminating in a final project, utilizing skills learned during the semester. Prerequisites: THE 103, 104, 130, 160, 258, and consent of the instructor.

367 SCENOGRAPHIC TECHNIQUES**3 sem. hrs.**

CAD drafting techniques necessary in developing scenic units into plans, elevations, and working drawings. Prerequisites: THE 103, 104, 258 and consent of the instructor.

368 SCREENWRITING**3 sem. hrs.**

Introducing screenwriting for feature films, including workshops of student pitches, treatments, scenes and synopses. Prerequisite: THE 170 or consent of the instructor.

370 HISTORY OF THE CINEMA**3 sem. hrs.**

Historical and aesthetic development of the cinema from its origins to the present. Lab screening of significant films.

371 FILM THEORY AND CRITICISM**3 sem. hrs.**

Theories relating to the art of filmmaking. Prerequisite: THE 170 or consent of the instructor.

375 THEATRE AND PERFORMANCE OF THE AMERICAS**3 sem. hrs.**

A seminar on theatre and performance traditions of the Americas. Specific topic will change each time offered. May be repeated with different content; maximum 6 hours. Prerequisites: THE 103 and 104.

376 THEATRE HISTORY I**3 sem. hrs.**

History of theatre from its origins through the European Renaissance. Prerequisites: THE 103 and 104.

377 THEATRE HISTORY II**3 sem. hrs.**

History of drama and theatrical production from the late 17th century to the present. Prerequisites: THE 103, 104 and 376.

378 SHAKESPEARE ON STAGE**3 sem. hrs.**

Intensive study of Shakespeare's plays in production. For the student with adequate familiarity with Shakespeare and his works. May be repeated with different content. Also offered as ENG 378.

379 DRAMATURGY**3 sem. hrs.**

An introduction to production dramaturgy, including advanced text analysis, research methods, rehearsal participation, and written materials for audiences. Prerequisites: THE 103 and 104.

380 ADVANCED DIRECTING**3 sem. hrs.**

Advanced work in directing theory and practice. The course is designed to provide practical experience in collaboration and process. A capstone experience is the direction of a one-act play. May be repeated; maximum 6 hours. Prerequisites: THE 240 and 340 or consent of the instructor.

381 CREATIVE DRAMA PRACTICUM**1-3 sem. hrs.**

Practical experience in creative drama teaching by leading a class in drama under faculty supervision for a semester. May be repeated; maximum 6 hours. Includes Clinical Experience: 10 hours. Prerequisites: THE 280 and consent of the instructor.

385 PRINCIPLES OF THEATRE TEACHER EDUCATION**4 sem. hrs.**

Capstone course in Theatre Teacher Education sequence: philosophies of theatre education, teaching strategies, co-curricular programs, textbook analyses, professional organizations, related field experiences which include directing in a local high school. Includes Clinical Experience: hours 25-125. Prerequisites: THE 285, grade of C or better in TCH 216, or concurrent registration. Admission to Professional Studies.

398 PROFESSIONAL PRACTICE IN THEATRE**1-13 sem. hrs.**

Supervised theatre work experiences in local, state, national, and international businesses, agencies, institutions, and organizations which are planned, administered, and supervised by the School of Theatre and Dance. May be repeated with different content; maximum 13 hours. Prerequisite: Consent of the instructor.

MENNONITE COLLEGE OF NURSING

Dean: Dr. Judy Neubrandner, Ed.D, FNP-BC.
312 Edwards Hall

Website: Nursing.IllinoisState.edu

Mission

Mennonite College of Nursing at Illinois State University creates a dynamic community of learning to develop exceptionally well-prepared nurses who will lead to improve health outcomes locally and globally. We promote excellence in teaching, research, service, and practice with a focus on the vulnerable and underserved. We are committed to being purposeful, open, just, caring, disciplined, and celebrative.

Philosophy

At the heart of the College's philosophy is the belief that all people share a common humanity. Each person must be regarded as having special biological, psychological, sociocultural and spiritual dimensions and possessing the inherent rights and responsibilities of freedom of choice and self-determination. Based on these beliefs, the College strives to grow as a caring community that supports the development of the total individual.

A vital interactive relationship exists between humankind and the environment. Environment affects each person's biological being and extends beyond physical surroundings to encompass roles, relationships, and societal structures. Because all human beings influence and are influenced by their environment, all must assume the responsibility to protect the social and natural environments in which they share.

Health is a dynamic state influenced by individual, environmental and hereditary factors. State of health, which significantly influences quality of life, is shaped by many factors, including an individual's decision-making and behaviors. Pursuit of wellness is the right and responsibility of each person. Nursing holds the potential to strengthen each human being pursuing optimal health and achieving a harmony of body, mind and spirit.

Nursing is a profession that continues to evolve through research, theory, and practice. Professional nursing, encompassing a range of therapeutic interventions aimed at promoting and restoring health, addresses actual and potential health care needs of individuals, families, groups, and communities. Nursing care is delivered in diverse settings in a systematic manner through use of the nursing process. In providing their professional services, practitioners of nursing manifest role

dimensions that are collaborative and independent in nature. Because dynamic social forces influence the nature and scope of nursing practice, critical thinking, effective communication, and caring are abilities required for professional nursing practice in changing environments.

As a profession, nursing adheres to standards of practice and ethical codes as a means of ensuring quality care for all persons. The current Illinois Nursing Act serves as the legal basis for the practice of nursing in the State of Illinois.

Mennonite College of Nursing is committed to cultivating the personal and professional potential of each member of the College community. The faculty believe that learning as a life-long process is promoted when intellectual inquiry, creativity, self-awareness, self-direction, maturity, and responsibility are valued. Learning is a process of developing human potential through the interaction of the individual with the environment. This interaction aims to achieve positive attitude changes, knowledge acquisition, and professional competence.

The faculty of Mennonite College of Nursing believe that the knowledge, attitudes, and skills required for professional nursing are best achieved when built upon a solid foundation of study in the humanities and sciences. The faculty value a liberal arts education, which fosters an understanding of society and provides a humanistic basis for the study of nursing. Baccalaureate nursing education prepares the graduate for the practice of professional nursing and provides the basis for graduate study in nursing. Masters-level nursing education prepares nursing leaders and advanced practitioners, advances nursing scholarship, and provides the foundation for doctoral study.

The College offers a graduate program leading to the Master of Science in Nursing. The College offers a Family Nurse Practitioner Sequence, Clinical Nurse Leader Sequence, and a Nursing Systems Administration Sequence, as well as a Post Master's Family Nurse Practitioner (FNP) Certificate. A Doctor of Nursing Practice (DNP) and a Ph.D program in nursing with a focal area in vulnerable populations/aging is also offered.

Accreditation

The Nursing program is fully accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW Suite 530, Washington, D.C. 20036; (202) 887-6791; and also is approved by the Illinois Department of Professional Regulation. The College is a member of the American Association of Colleges of Nursing.

NURSING (NUR)

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**303 Edwards Hall, 312 Edwards Hall
and Nursing Simulation Lab**
Phone: (309) 438-7400
Website: Nursing.IllinoisState.edu

Tenured/Tenure-track Faculty: Aaron, Astroth, Dyck, Jacobs, Jenkins, Kelly, Kerber, Kim, Krejci, Mallory, B. Miller, Neubrandner, Novotny, Pohl, Reitz, Stapleton, Valerio, Wilson, Woith.

Nontenured-track Faculty: Buck, Brown, Cranston, Hammer, Hudgins, Jansen, Kaesberg, Kennell, Malin, Malinowski, C. Miller, Morris, Nielsen, Novy, Penrod, Petro, Pigman, Posada, Walker.

General Information

Information regarding other policies and procedures of Mennonite College of Nursing, student advising, student services provided, and information about endowed scholarships and other private funding sources, is available on the college website: Nursing.IllinoisState.edu.

Traditional Prelicensure BSN Sequence Admission Requirements for New and Continuing Students:

Admission to this academic program is limited and is based on space availability and the competitiveness of the applicant pool. Factors that may be considered include, but are not limited to: courses completed, cumulative GPA, hours completed, personal interview or written statement, work experience, and C.N.A. certification. For additional information on minimum requirements for admission, time-frames for admission, and the application process, visit IllinoisState.edu/Majors or contact the undergraduate advisor for the intended major.

Students may also apply for admission to the Prelicensure BSN Sequence through an accelerated plan of study. To be considered for admission to the Accelerated Option, a student must have completed all Prelicensure BSN requirements in addition to having completed a B.S. or B.A. in a non-nursing major. Additional information about the Accelerated Option can be found on the College website: Nursing.IllinoisState.edu.

The number of students admitted to Illinois State University as a freshman may vary from year to year depending on program capacity, enrollment targets, and qualifications of students in the pool. Those students admitted must earn an overall Illinois State University GPA of 2.50 or higher on at least 24 completed hours and a grade of C or better in the following courses in order to remain in the Nursing Major: BSC 160, 181, 182; CHE 110 and 112, or 140; FCS 102; HSC 105; PSY 110, 213; and one of the following: ECO 138; GEO 138; POL 138; PSY 138; MQM 100; MAT 150. Dismissal from the major will result when a student receives an overall Illinois State University GPA of less than 2.50 on at least 24 completed hours, or a grade of less than a C in any two prerequisite courses listed above or

twice for the same prerequisite course. Additional information may be found on the college website: Nursing.IllinoisState.edu. Any student not adhering to the above criteria will become Undeclared and will need to reapply to the nursing major during specified time periods.

Readmission to the Prelicensure BSN Sequence:

Upon admission to the Prelicensure BSN Sequence, all students are expected to maintain consecutive fall-spring enrollment in nursing courses. Any student who has not been enrolled in nursing coursework for more than one fall or spring semester or who has been academically dismissed from the major must reapply to the college. Students who are readmitted may be required to complete Success Plan testing and lab proficiency testing. The costs of such testing are the responsibility of the student. Applicants interested in readmission should contact a College of Nursing academic advisor. Readmission applications must be received before April 1 for fall readmission and before October 1 for spring readmission. Readmission will be granted on a selective basis.

RN/BSN Sequence Admission for Current Registered Nurses:

To be admitted a student must:

- First be admitted to Illinois State University;
- Be a graduate from a state-approved diploma school of nursing or an associate degree nursing program;
- Be licensed as a registered nurse in the State of Illinois;
- Hold an unencumbered license in each state in which the student holds a nursing license;
- Have completed the Associate Degree in Arts (A.A.) or an Associated Degree in Science (A.S.) or a specified portion of the Illinois Transferable General Education Core Curriculum;
- Complete specific required courses with a grade of C or better: BSC 160, 181, 182; CHE 110, 112 or CHE 140; FCS 102; PSY 110, 213; and one of the following: ECO 138, GEO 138, POL 138, PSY 138, MQM 100, or MAT 150.
- Submit one recommendation form from a current employer (if not employed, may be from a recent college instructor).

RN/BSN Readmission to the Major:

Students in the RN/BSN Sequence are expected to follow the approved plan of study developed in consultation with the student at the time of admission. Any student who does not adhere to an approved plan of study, or who has been academically dismissed from the major, must reapply to the college. Readmission applications must be received before April 1 for fall readmission and before October 1 for spring readmission. Readmission will be granted on a selective basis and based on course availability. Students interested in applying for readmission should contact a College of Nursing academic advisor.

Academic Requirements:

The following academic requirements apply to all undergraduate students enrolled in Menonite College of Nursing.

Prelicensure BSN Sequence:

- 120 hours to graduate with BSN degree.
- A minimum of 55 hours of lower division course work is required to include completion of Illinois State's General Education Program or the Illinois Articulation Initiative and the following courses: BSC 160, 181, 182; CHE 110 and 112, or 140; FCS 102; HSC 105; PSY 110, 213; and one of the following: ECO 138; GEO 138; POL 138; PSY 138; MQM 100; MAT 150.
- 65 hours of major courses are required: NUR 222, 224, 225, 229, 231, 237, 239, 314, 316, 317, 325, 326, 327, 329, 336, 339.
- A grade of C or better is required in all Nursing courses for retention in the Major.
- If a student receives less than a grade of C in any given nursing course, he/she must repeat that course in the first available semester in which it is offered when space allows.
- A minimum 2.00 cumulative GPA upon completion of NUR 224 and 237 is required for retention in this major.

RN/BSN Sequence:

- 65 hours of major courses required, including: NUR 223, 226, 227, 236, 238, 240, 330, 340, 341; and 34 semester hours earned as Escrow Credit;
- A grade of C or better is required in all Nursing courses for retention in the Major.

Diploma school or Associate Degree nursing courses are "held in escrow" for the student until successful completion of three specified Nursing upper-division courses: NUR 223, 227, and 236. Once these three courses have been successfully completed through enrollment, thirty-three (34) credits are placed on the student's transcript for the following Nursing courses: NUR 229, 231, 314, 316, 317, and 325.

Retention Requirements:

Students must maintain a cumulative GPA of 2.00 and a grade of C or better in all required Nursing courses to remain in the Nursing Major. When a student fails to maintain a cumulative GPA of 2.00 or a grade of C in any course in the Nursing Major, the student is placed on major academic alert. This status alerts the student to the danger of dismissal from the Nursing Major. Dismissal from the Prelicensure BSN Sequence, or the RN/BSN Sequence results when a student receives a grade of less than C in any two nursing courses or twice for the same course.

All Prelicensure BSN students are required to participate in the College Success Plan which is designed to provide: (1) an assessment of each student's ability to understand and apply theoretical and clinical knowledge related to clinical courses as they progress through the curriculum; (2) assessment and outcome data for curriculum

consideration; (3) an assessment of each student's preparedness to be successful on the state licensing exam (NCLEX-RN); and (4) intervention guidelines to address any deficiencies that a student may demonstrate in understanding and applying theoretical and clinical knowledge related to clinical courses. Details of the Success Plan are available on the College of Nursing website Nursing.IllinoisState.edu.

Clinical Experience for Nursing:

Clinical Experience is provided by an extensive clinical network of off-campus agencies including but not limited to hospitals, nursing homes, community centers, public health departments, schools, long-term care facilities and other approved clinical learning settings. All Prelicensure students will begin their Clinical Experiences in their sophomore or junior year. The students must provide their own transportation to all Clinical Experience sites.

Student Health Requirements:

Nursing is a rigorous profession requiring physical flexibility and mobility (i.e. lifting patients, moving equipment, and responding quickly in emergency situations). Students are expected to receive a physical examination upon acceptance to the program. Awareness of one's physical limitations is vital in ensuring patient safety. Compliance with health requirements is expected of all undergraduate students. Any student needing to arrange a reasonable accommodation for a documented disability should contact Disability Concerns at 350 Fell Hall, 438-5853, Fax: (309) 438-7713, Email: ableisu@ilstu.edu.

Criminal Background Screenings:

All students enrolled in the Menonite College of Nursing undergraduate program will be required to complete criminal background screenings (including fingerprinting) prior to enrollment in designated clinical rotations. Students who have been convicted of committing or attempting to commit certain crimes specified in the Health Care Worker Background Check Act (225 ILCS 46/25, et seq.) may be ineligible to continue in the nursing program.

Drug Screening:

All students are required to undergo drug screening with negative results to maintain eligibility for the undergraduate nursing program.

Nursing Courses**222 PSYCHOMOTOR SKILLS FOR NURSING**

3 sem. hrs.

Classroom and lab experiences provide knowledge and guided practice to assure competence in performing patient-centered psychomotor skills. Materials charge optional. Prerequisites: NUR 224, 237; NUR 225, 229, 239, or concurrent registration.

223 CONCEPTS OF PROFESSIONAL NURSING I**4 sem. hrs.**

The roles of the nurse in controlling professional practice are introduced. Reflective practice, nursing theories, historical, ethical, political, and legal issues and trends are considered. Formerly *CONCEPTS AND PRACTICE OF PROFESSIONAL NURSING*. Prerequisites: RN license. Nursing major only.

224 CONTEMPORARY PROFESSIONAL NURSING**1 sem. hr.**

Classroom and small group activities provide introduction to historical and contemporary social, political, legal, and ethical influences of nursing, and integration into current nursing practice. Not for credit if had NUR 221 *INTRODUCTION TO THE DISCIPLINE OF NURSING*. Prerequisites: Nursing major only. COM 110, ENG 101 and 1 of the following: MAT 113, 120, 130, BSC 181, HSC 105. Courses prior to or concurrently with NUR 224: BSC 160, 182; CHE 110 and 112, or 140; FSC 102; PSY 110, 213, and one of the following: ECO 138, GEO 138, POL 138, PSY 138, MQM 100, MAT 150, or concurrent registration.

225 HEALTH ASSESSMENT OF THE ADULT**4 sem. hrs.**

Classroom and laboratory experiences provide the knowledge and skills necessary for a holistic assessment of adult clients. Expected age-related changes in older adults are also addressed. Lecture and lab. Prerequisites: Nursing major only. NUR 224, 237; NUR 222, 229, 239 concurrent registration.

226 CONCEPTS OF PROFESSIONAL NURSING II**3 sem. hrs.**

Transitioning from the associate degree nurse to the professional practice level nurse is bridged in this course with content and concepts that enhances the student's knowledge and vision in nursing by discussing current health care issues. Prerequisites: RN license. Nursing major only. NUR 223, 236, or concurrent registration.

227 HEALTH ASSESSMENT ACROSS THE LIFE SPAN**3 sem. hrs.**

Expansion of basic knowledge and skills of physical assessment with added dimensions of psychosocial, cultural, and spiritual needs of clients across the life span. Prerequisites: RN license. Nursing major only. NUR 223 and 236, or concurrent registration.

229 ADULT NURSING I**6 sem. hrs.**

Theory and skills related to the care of adults with commonly occurring chronic health alterations are applied in various health care settings. Includes clinical experiences and lecture. Materials charge optional. Prerequisites: Nursing major only; NUR 224 and 237; NUR 222, 225, 239, concurrent registration.

231 ADULT NURSING II**7 sem. hrs.**

Acquisition of knowledge and skills needed to apply the nursing process in delivering care to patients with health problems in acute care settings. Prerequisites: NUR 224, 225, 229, 237, 239; NUR 316, 336, 339 concurrent registration.

236 RESEARCH FOR PROFESSIONAL NURSING PRACTICE: RN/BSN**3 sem. hrs.**

Beginning level knowledge and skills necessary to critically read, interpret, and evaluate research; apply evidence-based practice and research utilization models. Not for credit if had NUR 331 or NUR 235. Prerequisites: RN license. Nursing major only. NUR 223 or concurrent registration.

237 CULTURAL AND SPIRITUAL DIMENSIONS IN HEALTHCARE: PRELICENSURE**1 sem. hr.**

Role of nurse as culturally sensitive caregiver explored while learning about health attitudes, beliefs, and practices of culturally and spiritually diverse populations. Prerequisites: Nursing major only. COM 110, ENG 101 and one of the following: MAT 113, 120, 130, BSC 181, HCS 105. Courses to be taken prior to or concurrently with NUR 237: BSC 160, 182; CHE 110 and 112, or 140; FSC 102; PSY 110, 213; and one of the following: ECO 138, GEO 138, POL 138, PSY 138, MQM 100, MAT 150, or concurrent registration.

238 CULTURAL AND SPIRITUAL DIMENSIONS IN HEALTHCARE: RN/BSN**1 sem. hr.**

Role of nurse as culturally sensitive caregiver explored while learning about health attitudes, beliefs, and practices of culturally and spiritually diverse populations. Not for credit if had NUR 333 or NUR 237. Prerequisites: RN license. Nursing major only. NUR 223, 236, or concurrent registration.

239 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING I: PRELICENSURE**3 sem. hrs.**

Exploration of development of commonly occurring health deviations and pharmacodynamic effect of therapeutic drugs on the human body. Prerequisites: Nursing major only. NUR 224, 237; NUR 222, 225, 229, or concurrent registration.

240 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING I: RN/BSN**3 sem. hrs.**

Exploration of development of commonly occurring health deviations and pharmacodynamic effects of therapeutic drugs on the human body. Not for credit if had NUR 334 or NUR 239. Prerequisites: RN license. Nursing major only. NUR 223, 236, or concurrent registration.

312 DOMESTIC STUDIES IN TRANSCULTURAL NURSING**3 sem. hrs.**

Provides nursing students with the opportunity to study nursing and health care delivery in diverse locations within the United States. Prerequisites: NUR 231, 316, 336, 339.

313 INTERNATIONAL STUDIES IN TRANSCULTURAL NURSING**3 sem. hrs.**

Provides nursing students with the opportunity to study nursing and health care delivery at an international level. Prerequisites: NUR 231, 316, 336, 339.

314 PSYCHIATRIC AND MENTAL HEALTH NURSING**6 sem. hrs.**

Focus on individual and family responses to stress along the developmental and wellness-illness continuums. Emphasis on theory-based psychiatric-mental health nursing practice. Includes Clinical Experiences and lecture. Materials charge optional. Formerly NUR 233. Prerequisites: NUR 231, 316, 336, 339.

316 MATERNAL INFANT NURSING**4 sem. hrs.**

Nursing care of women, infants, and families in childbearing/early childrearing periods emphasizing normal pregnancy, common complications, infant development, and infant health problems. Includes clinical experiences, lab simulations, and lecture. Not for credit if had NUR 323 *PARENT CHILD NURSING*. Prerequisites: NUR 224, 225, 229, 237, 239; NUR 231, 339, or concurrent registration.

317 NURSING CARE OF CHILDREN**4 sem. hrs.**

Nursing care of children and families during childrearing periods emphasizing normal growth and development, and health problems of toddlers through adolescents. Lecture and lab. Not for credit if had NUR 323 *PARENT CHILD NURSING*. Prerequisites: NUR 231, 316, 336, 339; NUR 329, 314 concurrent registration.

325 ADULT NURSING III**7 sem. hrs.**

Examination of biological, psychological, and social responses of complex acute care in emergent and restorative settings. Includes clinical experiences and lecture. Prerequisites: NUR 314, 317, 329.

326 GERONTOLOGICAL NURSING**2 sem. hrs.**

Students will discuss theoretical applications of nursing care concepts to older adults in multiple settings. Prerequisites: NUR 314, 329; NUR 317, or concurrent registration.

327 LEADERSHIP DIMENSIONS OF NURSING**6 sem. hrs.**

Exploration of professional nursing roles based upon management and leadership perspectives. Includes clinical experiences and lecture. Materials charge optional. Formerly *MANAGEMENT AND LEADERSHIP DIMENSIONS OF NURSING*. Prerequisites: NUR 314, 317; and NUR 325, 326, 329, or concurrent registration.

329 PUBLIC HEALTH NURSING: PRELICENSURE**5 sem. hrs.**

Public health nursing emphasizes health promotion and illness prevention strategies in the management of health care needs of aggregate populations. Includes public health clinical experiences and lecture. Materials charge optional. Formerly *COMMUNITY HEALTH NURSING: PRELICENSURE*. Prerequisites: NUR 231, 316, 336, 339; NUR 314, or concurrent registration.

330 PUBLIC HEALTH NURSING: RN/BSN**5 sem. hrs.**

Public health nursing emphasized health promotion and illness prevention strategies in the management of health care needs of aggregate populations. Includes public health clinical experiences and lecture. Lecture/lab. Formerly *COMMUNITY HEALTH NURSING: RN/BSN*. Prerequisites: RN license. Nursing major only. NUR 223 and 236, or concurrent registration.

336 RESEARCH AND THEORY FOR EVIDENCE-BASED PRACTICE**3 sem. hrs.**

Students develop skills necessary to provide evidenced-based care to improve patient outcomes in an ever changing health care environment. Not for credit if had NUR 235 *RESEARCH FOR PROFESSIONAL NURSING PRACTICE*. Prerequisites: NUR 224, 225, 229, 239.

339 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING II: PRELICENSURE**3 sem. hrs.**

Examination of the mechanisms and theories related to the development of disease and the pharmacodynamic effects of therapeutic drugs on the human body. Materials charge optional. Prerequisite: NUR 239.

340 PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS IN NURSING II: RN/BSN**3 sem. hrs.**

Examination of the mechanisms and theories related to the development of disease and the pharmacodynamic effects of therapeutic drugs on the human body. Not for credit if had NUR 434 or NUR 339. Prerequisites: RN license. Nursing major only. NUR 223, 236, and 240, or concurrent registration.

341 LEADERSHIP DIMENSIONS: IN PROFESSIONAL NURSING: RN/BSN**6 sem. hrs.**

Exploration of professional nursing roles based upon management and leadership perspectives. Formerly *PROFESSIONAL NURSING LEADERSHIP DIMENSIONS: CAPSTONE EXPERIENCE*. Prerequisites: RN license. Nursing major only. NUR 223, 226, 227, 236, 238, 240, 241, 330, 340.

UNIVERSITY FACULTY AND ADMINISTRATIVE STAFF

The following is a list of faculty and administrative staff members as of the first semester of the 2015-16 Academic Year. The listing reflects Academic Ranks, Titles, Assignments and Departments of Employment effective during 2015-16. Only the highest academic degree is indicated for each faculty member.

Charlene Sue Aaron

Assistant Professor, Mennonite College of Nursing
M. in Nur., Illinois State University

Cory A. Abernathy

Intellectual Property Export Control Officer,
Research & Sponsored Programs
M.B.A., Eastern Illinois University

Majeed Maher Abu-Qulbain

Specialist, Administrative Technologies,
Infrastructure Operations & Networking
B.S., Illinois State University

Rebecca Marie Achen

Assistant Professor, School of Kinesiology and
Recreation
Ph.D., University of Kansas

Nobuko Adachi

Associate Professor, Sociology and Anthropology
Ph.D., University of Toronto

Elizabeth Jayne Adams

Director of Development, Development-
Fundraising
B.S., Bradley University

Lori J. Adams

Professor, School of Theatre and Dance
M.F.A., University of Nebraska-Lincoln

William Harry Adams

Faculty Associate, Thomas Metcalf School
M.A., University of New Mexico

Olubunmi A. Adanri

Coordinator of Academic Services,
University College
M.A., Illinois State University

Agbenyega Adedze

Associate Professor, History
Ph.D., University of California-Los Angeles

Kimberly Lynn Adelman

Supervisor, Clinical, Communication Sciences
and Disorders
M.S., Illinois State University

Amelia D. Adkins

Senior Associate Dean, College of Education
Professor, Educational Administration and
Foundations
Ph.D., University of North Carolina-Chapel Hill

Ama Oforiwaad Aduonum

Professor, School of Music
Mus.D., Florida State University

Kevin C. Ahlgrim

Associate Professor, Finance, Insurance and Law
Ph.D., University of Illinois-Urbana-Champaign

Priyanka Aich

Academic Advisor, University College
M.B.A., Illinois State University

Osaore Aaron Aideyan

Assistant Professor, Politics and Government
Ph.D., Claremont Graduate University

Brian T. Aitken

Assistant Coordinator, University College
M.S. in Ed., Illinois State University

Olukayode Abiodun Mark Ajayi

NTT Instructional Assistant Professor,
Politics and Government
M.S., Illinois State University

Fusun Akman

Professor, Mathematics
Ph.D., Yale University

Olcay Akman

Professor, Mathematics
Ph.D., University of Maine

Adel Tawfiq Al-Bataineh

Professor, Teaching and Learning
Ed.D., Illinois State University

Brian Charles Albertsen

Admissions Counselor
M.S., Western Illinois University

Jana Lynn Albrecht

Director of Financial Aid,
Enrollment Management
M.B.A., Illinois State University

Allison Ann Alcorn

Associate Professor, School of Music
Ph.D., University of North Texas

Matt Ryan Aldeman

Assistant Professor, Technology
M. Eng., Old Dominion University

Natalie Rowe Alexander

Assistant Director, University Housing Services
M.S., Southern Illinois University

Grace Katharine Allbaugh

Instructional Assistant Professor, Milner Library
M.S., University of Michigan-Ann Arbor

Andre W. Allen

Academic Advisor, University College
M.S., Eastern Illinois University

Angela Anne Almeda

Academic Advisor, Health Sciences
M.Ed., Illinois State University

James Ricardo Almada

Coordinator of Health Promotion And Wellness
M.S., Illinois State University

Marcus Maurice Alouan

Director of Gamma Phi Circus, College of
Applied Science and Technology
M.S., Illinois State University

Gregory Allen Alt

Vice President Finance and Planning
M.B.A., Illinois State University

Joe Amato

Assistant Professor, English
D.A., State University of New York-Albany

Pamm Morrone Ambrose

Associate Director of University College
M.Ed., Illinois State University

Margaret Lea Ameday

NTT Clinical Assistant Professor,
Special Education
M.A.Ed., University of Illinois-Springfield

Ray Jon Amirault

Specialist, Teacher Education,
College of Education
Ph.D., Florida State University

Anthony John Amorose

Professor, School of Kinesiology and
Recreation
Ph.D., University of Virginia

April K. Anderson

Specialist Milner Library
M. Library & Info. Sci., Florida State University

David L. Anderson

Associate Professor, Philosophy
Ph.D., Harvard University

John Eric Anderson

Director of Printing Services, University
Marketing and Communications
B.S., Illinois State University

Julius Anderson

Associate Professor, Family and Consumer Sciences
Ph.D., University of Alabama

Shyla Marie Anderson

Faculty Associate, University High School
B.S., Illinois State University

Christopher Stephen Andre

Specialist, Computer Support, College of
Applied Science and Technology
B.S., Illinois State University

Mauro Henrique Andre

Assistant Professor, School of Kinesiology and
Recreation
Ph.D., Auburn University

Jay Ansher

Specialist, Computer Support, Physics
Ph.D., University of Iowa

Allison Lynn Anson

Academic Advisor, University College
M.S., Illinois State University

Kelli Sue Appel

Assistant to Department Chair, Special Education
M.Ed., University of Illinois-Urbana-Champaign

Anna Maria Arias

Assistant Professor, School of Teaching and
Learning
Ph.D., University of Michigan-Ann Arbor

Sally Elizabeth Arnett-Hartwick

Assistant Professor, Family and Consumer Sciences
Ph.D., Southern Illinois University

Kim M. Astroth

Associate Professor, Mennonite College of
Nursing
Ph.D., University of Missouri-St Louis

Jessica Renee Atherton

Head Teacher Child Care Center, Family and
Consumer Sciences
B.S., Eureka College

Chad Stephen Aubin

Faculty Associate, Thomas Metcalf School

Debra L. Austin

NTT Instructional Assistant Professor, School of
Music
M.M., Northwestern University

Deneca Winfrey Avant

Assistant Professor, School of Social Work
Ph.D., University of Illinois-Chicago

Winfred Aweyire Avogo

Associate Professor, Sociology and Anthropology
Ph.D., Arizona State University

Mark Paul Babbitt

Professor, School of Music
D.M.A., University Washington-Seattle

Deborah A. Babcock

Associate Director, Center for Insurance and
Financial Service
B.S., University of Illinois-Urbana-Champaign

Jaе Meen Back

Assistant Professor, Mathematics
Ph.D., University of Wisconsin College

Carol Gay Baeten

NTT Clinical Assistant Professor, School of
Teaching and Learning
M.S. in Ed., Illinois State University

Mohammad Amin Bahmanian

Assistant Professor, Mathematics
Ph.D., Auburn University

Alison Bailey

Professor, Philosophy
Ph.D., University of Cincinnati

Angela Marie Bailey

NTT Instructional Assistant Professor,
Languages, Literatures and Cultures
M.A., Illinois State University

Rita Louise Bailey

Assistant Provost
Associate Professor, Communication Sciences
and Disorders
Ed.D., Illinois State University

Robert Stanley Bailey III

Director, Student Affairs Information Technology
B.M., Oral Roberts University

Roger D. Baird

Coordinator of Computer User Service,
Enrollment Management
B.A., Illinois State University

Fortuna Marie Baker

Coordinator of Clinical Experiences, Mathematics
M.S. in Ed., Western Illinois University

Aysen Bakir

Professor, Marketing
Ph.D., University of Mississippi

Elango Balasubramanian

Professor, Management and Quantitative Methods
Ph.D., City University of New York-Graduate
School and University Center

John R. Baldwin

Professor, School of Communication
Ph.D., Arizona State University

Guy Banicki

Assistant Professor, Educational Administration
and Foundations
Ed.D., Northern Illinois University

- Tenley Jill Banik**
Assistant Professor, Geography - Geology
Ph.D., Florida State University
- George Mathew Banks**
Coordinator of Assistant Residence Hall,
University Housing Services
B.S., Illinois State University
- Jennifer L. Banning**
Associate Professor, Family and Consumer
Sciences
Ph.D., Louisiana State University
- John H. Bantham**
Professor, Management and Quantitative Methods
Ph.D., Syracuse University
- Mary Elizabeth Bantham**
NTT Clinical Assistant Professor,
Special Education
M.S., Southern Connecticut State University
- Alexander Justice Barekka**
Department Chairperson, Management and
Quantitative Methods
Associate Professor, Management and
Quantitative Methods
Ph.D., Michigan State University
- Beverly Jane Barham**
Professor, Health Sciences
Ph.D., Southern Illinois University-Carbondale
- Ginnell Ann Barke**
Faculty Associate, Thomas Metcalf School
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